WERSI

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PEGASUS WING

PROFESSIONAL KEYBOARD

User Manual

About this Manual

User Manual for the
WERSI Keyboard PEGASUS Wing

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You can download software updates and/or the latest version of this manual at www.wersi.de

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PEGASUS WING

The new instrument for anyone who enjoys making music!

Thank you for buying a WERSI instrument. **We hope you will experience great pleasure from playing your new PEGAUS WING.**

As the PEGASUS WING comes with the same musical quality as the 'great' WERSI instruments, you will enjoy playing your instrument right from the start.

Although your PEGASUS WING is particularly easy to use, you should at least read the first few pages of this manual to familiarise yourself with the basic operational procedures of the instrument.
Further perusal of this manual will reveal the many additional features your PEGASUS WING has to offer and which will enable you to fullfil all your musical wishes:

YOU make the music – WE make the instrument

The PEGASUS WING is based on the WERSI-OPEN-ART-SYSTEM (OAS), which ensures the best possible sound and rhythm quality and also ensures that, through simple updates, you will be able to enjoy the most up-to-date technical and musical developments in the future.

Below is a brief outline of the main features:

- Best sound quality ensured by using sounds and accompaniments from the 'great' WERSI instruments
- Simple to use with its self-explanatary control displays and clear control panels
- Easy to use 10" touch sensitive colour screen display
- Real drawbar system
- WersiChord: produce multi-voiced melody sounds with just one finger
- Set the split point anywhere on the 76 note keyboard
- Exceptional surround speaker system with the latest digital power amplifiers

Preliminary Note on this Manual

The chapters of this manual are not meant to be read in strict sequence.
However, you should at least read the introduction, the chapter describing the basic operations and the chapter entitled 'Your First Play....'

We wish you much joy and success on reading this manual with the knowledge:

"Ah –my PEGASUS is so easy ☺ to use!"

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Explanation of Symbols Used in this Manual

The following graphics, together with the manual's clear layout, will help to guide you safely through this manual:

● = listing
o = subdivision of list

❖ = sequence of switching and control panel procedures

▭ = touch button label

▭/▭ = touch button label with changing display

➔ = result of a switching operation / further operation

🟨 = description of a new menu / a new display view

[*xxxxx* = xxxx] = explanations / translations

♫ = musical tip

✋ = playing technique tip

🛠 = technical tip – e.g. saving procedure

ⓘ = important note / piece of information

📖 = reference to further information / explanation in other chapters

In addition, we also use in this manual, wherever possible, the graphic symbols used in the screen views on the instrument:

▲ ▼ = scrolling to other selection levels

⬍ = used to open a menu for the selection of several functions

🎚 = slider controls e.g. for volume adjustments

← / → = tempo and transpose buttons (up/down) or buttons for input of value changes

1. Safety Notes

If possible, read the complete User Manual (or at least these safety notes and the chapter on the initial operation) before powering up your instrument for the first time.
In the interests of your own safety, you should follow the basic safety measures described below in order to avoid serious injury or even fatal accidents from electrical shocks, short circuits, damage, fire or other dangers.
The following are imortant safety measures. However, they do not represent a complete list.

Power Supply

- Use only the power supply unit supplied with your instrument
- Check the power supply, all connections and the cable at regular intervals for damage or dirt.
- Never lay the power supply cable near sources of strong heat such as electric fires or the like, do not overbend, do not lay heavy objects on it and do not lay it in places, where people are likely to tread on it, stumble or fall over it.
- In order to avoid damage, always pull the cable from the socket by the plug and **never by the cable.**
- Where possible, do not connect the instrument to multiple sockets with other high power-using equipment running, e.g. lighting equipment.
- Remove the plug from the socket if the instrument is not in use for any length time or in thunder storms to avoid damage through overload, for example.

Position of Instrument – Water/Cleaning Hazards

- Position the instrument on a firm floor.
- Avoid positioning the instrument near strong sources of heat or in places subject to great changes in temperature or humidity.
- Ensure that there is always clear ventilation to the rear of the instrument.
- Never place the instrument near equipment emitting radiation such as fluorescent tubes, television sets, mobile telephones and such like in order to avoid irradiation which can lead to interference or a reduction in the instrument’s sound quality.
- Never put naked flames, such as candles, or drinks on the instrument.

If ever electrically conductive objects or liquids get into your instrument,
you should switch off and unplug the instrument immediately.

Do not switch the instrument back on, until it has been checked by a qualified WERSI service engineer.

Never try to open the instrument or attempt to make any repairs or technical modifications yourself.

- Never switch on the instrument if it has just come from an unheated environment (e.g. a car) into a warm space. Wait until the instrument has reached room temperature before switching on to avoid electrical damage caused by condensation and current leakage.

- When cleaning your instrument only use a soft, slightly damp cloth and never chemical cleaning agents or cloths.

2. Legal Notices

Software Copyright

Your PEGASUS WING keyboard comes from the latest generation of instruments in the WERSI OAS Series. The central control of all its functions is provided by a PC running under Microsoft's WINDOWS® 7 operation system.
The instrument is shipped with various computer programs whose copyright property is owned either by the manufacturer or other firms.
You receive these programs with the right to run them on *your* instrument only. Running the programs on other computers or other instruments, making copies of these programs (except for your own backup purposes), or transferring the programs to third parties is expressly forbidden and represents an infringement of the copyright regulations and is therfore a punishable offense.
The End User License Agreement for the WINDOWS® operation-system is part of Microsoft's original documentation.

Music Copyright

Please respect the copyright rules concerning reproduction of music in public. This applies to music that you play yourself and to music that you reproduce from an audio CD, MP3 or MIDI file.

Warrenty and Information about the Operating System and Hardware

In accordance with the applicable legal regulations, the manufacturer guarantees the functionality of your instrument in the original hardware and software configuration as shipped from our factory.

✋ **Your hardware is controlled by the system code which applies to all the components used in your instrument. The system code is the distinctive fingerprint of your instrument. If components (circuit boards, RAM, processor etc.) are changed, the system code changes, resulting in activations being lost and the instrument can no longer be used.**

We would like to point out **once more** that any claim under **your warrenty would be invalidated** if a malfunction arose

- through the installation of additional software programmes, not supplied or expressly authorised and released for an application by WERSI and which lead to a failure of the operating system by, for example, so-called drivers not compatible with the WINDOWS® version in use or not programmed for it.
- through the installation of components not optimised to work with the WERSI OAS/ PEGASUS system
- through the installation of replacement or additional components not supplied by WERSI.

You should therefore first contact WERSI before planning to install 'alien' software or hardware.

It is also most important for your instrument to work correctly not to make any changes to the 'Wersi' folder or any of its sub-folders on the PC's hard disk or to the WINDOWS folder. This means you must neither delete, move nor create new files or folders here nor store any other files here (apart from when installing official software updates).

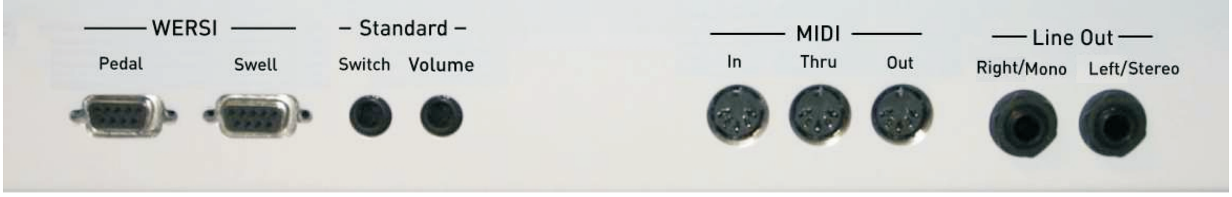
If intervention in the WINDOWS file system results in malfunction, only a modified WERSI/WINDOWS version of a special CD should then be installed!

As in this case your personal files will be deleted, you should always back-up your data at regular intervals or after saving large amounts of data.

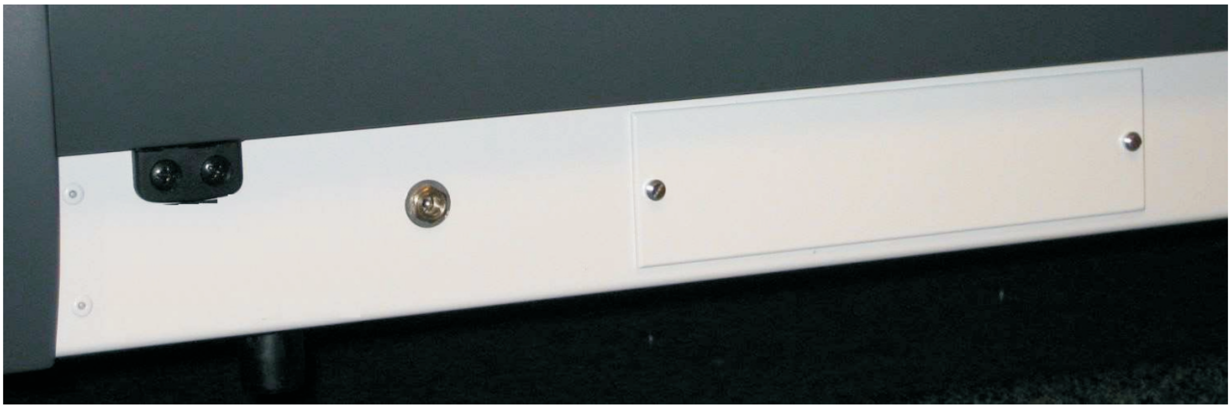
3. Switching on for the First Time

3.1. Connections at the Back

The following connections are situated on the back of the instrument:



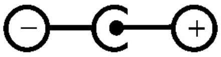
- 3 DIN plug (5 pin) connections for MIDI IN / MIDI THRU / MIDI OUT
- 2 Mono Outputs LEFT (left chanel) + RIGHT (right chanel) for connecting your instrument to a loudspeaker system
- Footswitch connection via a sub-d-connector with 2 kick switches
- Normal footswitch connection via 1/4 stereo jack
- Footswitch connection via mono jack (corresponds to Footswitch 1)
- 17 pedal key connection or pedal board with swell pedal via sub-d-connector



- Power connection for 12V/10A power supply unit

ⓘ = Important: use only the original power supply unit

(input 90-264Volt, output 12V/10A)



Various PC connections are situated behind a panel, secured with two screws

- PC mouse
- PC keyboard
- Further USB connections
  and others

3.2. Connecting

1. Connect the fixed cable of the supplied power control unit to the power input on the rear of the instrument and plug it into a properly installed and fused **240V** socket.

ⓘ Important: use only the original supplied power control unit.

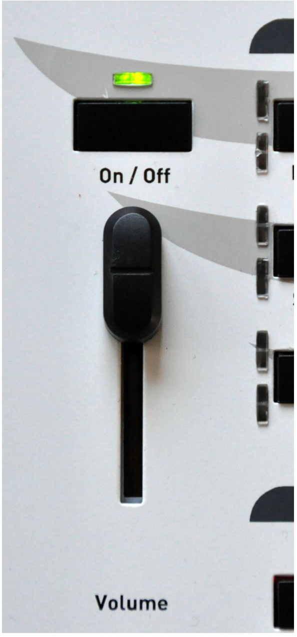
ⓘ If you connect the cable to a **switched** multi-gang extension lead, do **not** switch off the multi-gang, before the instrument has completely shut down.

🛠 You do not have to disconnect from the mains after playing, although this is recommended if the instrument is not to be used for a lengthy period or during thunder storms to avoid damage from, for example, overloading caused by lightning.

2. Connect the instrument via the audio outputs to a loudspeaker system or sound mixer.

3.3. Switching on and off

The On/Off touch button switch is situated on the upper left edge of the left control panel.



3.3.1. Switching On

- ❖ Press and release the On/Off button
- ❖ ➔ the LED above the button come on

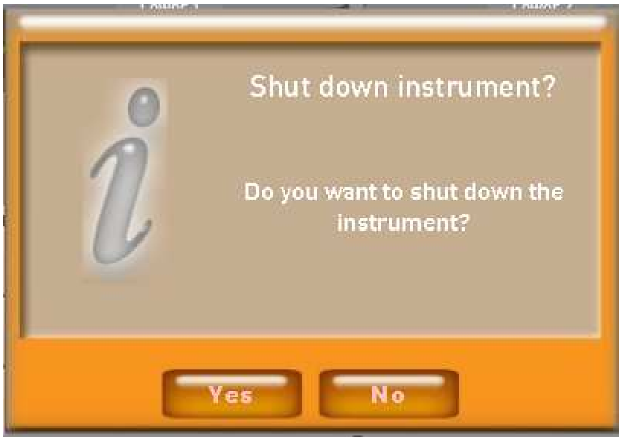
The instrument’s normal start-up procedure now begins.
The WINDOWS® operating system starts first, then the WERSI OAS Music System automatically loads.

The start-up procedure has finished when the control panel buttons stop flashing and the Main Display is visible on the touch screen.

ⓘ **Important:** if, for whatever reason, the instrument does not start up properly, a different display will appear when you next try to switch on the instrument. For further information, see 20.1 Failure in the Start-up Procedure.

3.3.2. Switching off

- Press and release the On/Off button
- A question will appear on the screen:



Shut down instrument?

Do you want to shut down the instrument?

- Confirm by tapping the Yes button

The instrument now automaticcally begins its switching off procedure.

ⓘ If you connect the cable to a **switched** multi-gang extension lead, do **not** switch off the multi-gang, before the instrument has completely shut down.

ⓘ If the On/Off button is pressed by mistake, you can cancel the switching off procedure by tapping the No button.

3.3.3. Reset

If your instruments ceases to react because of an operational error, for example, you can start a reset process by pressing the On/Off button **and holding** (for several seconds until the switching off procedure begins.

ⓘ Please only use this method of switching off in an emergency. You should not switch off the instrument every time by holding down the On/Off button.

3.4. Connections/Control Units at the Front

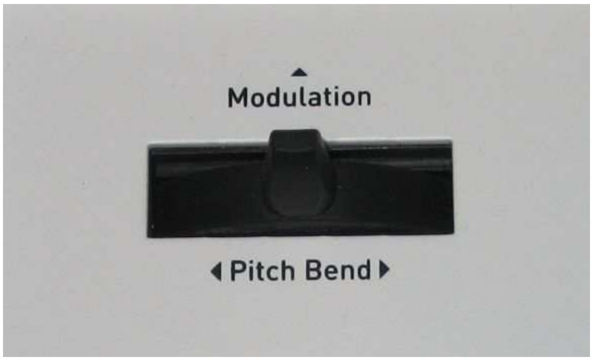
3.4.1. Headphones

The Headphone socket is situated on the left near the keyboard.

Standard stereo headphones can be connected. Stereo jack: 6,3 mm
Recommended impedance:100 ohm approx.

3.4.2. Pitch Bend und Modulation Joystick

The joystick for pitch bend and modulation is situated near the keyboard on the left.



Push Left/Right	Pitch Bend	Change pitch down (left) or up (right)
Push Forwards	Modulation	Modulates according to the sound, e.g. by changing vibrato, filter or by fading in a new sound

ⓘ The joystick always returns to the central position after being used for either function.
The changes apply only to sounds from Upper 1 and Upper 2.

3.4.3. USB Connections

[*USB* = ***U****niversal* ***S****erial* ***B****us* = connectiion from a computer to external equipment]

Below the right control panel are 2 USB connections for your USB memory stick (for loading/importing and saving/exporting). You can also connect a USB mouse here.

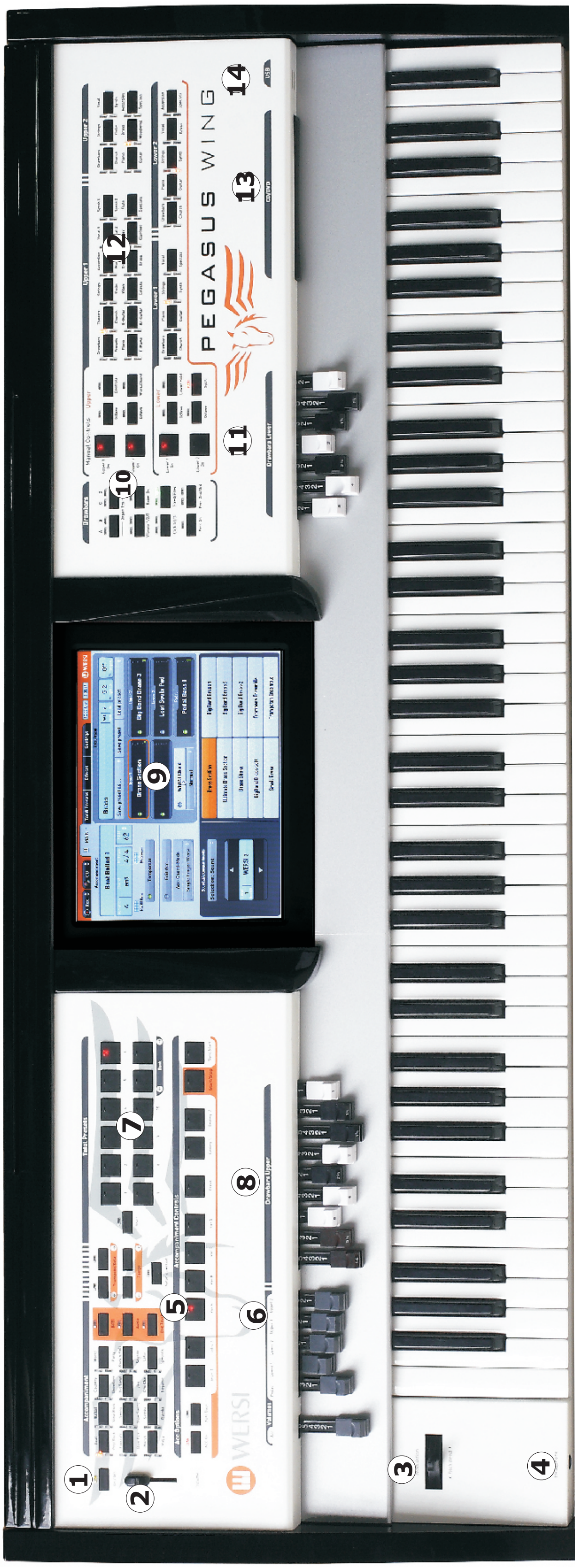
🛠 You do not have to eject your USB stick from the Windows system before removing the stick.

3.4.4. DVD/CD Drive with Burner

The drive for playing audio CDs (and for loading updates from DVD) is situated on the front edge of the right control panel. This is a slot-in drive, which automatically pulls in CDs or DVDs.

Push the CD/DVD about two thirds into the drive. The CD/DVD is then automatically pulled in. A CD or DVD already inserted is automatically ejected when you press the button below the drive.

4. PEGASUS WING - Overview



1
2
3
4
5
6
7
8
9
10
11
12
13
14
PEGASUS WING
WERSI

1	On/Off Switch
2	Overall volume control
3	Pitch bend and modulation joystick
4	Headphones
5	Accompaniment
6	Volumes
7	Total Presets
8	Drawbars Upper/right of the split point
9	Touch Screen
10	Drawbar Controls

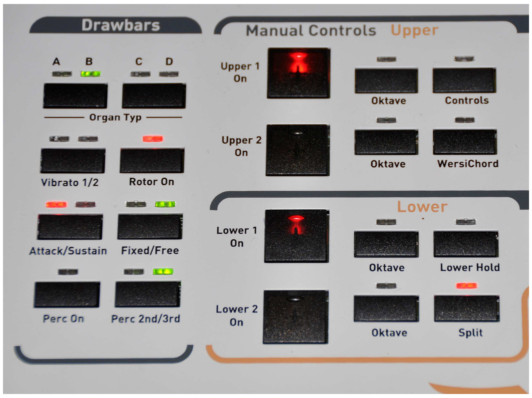
11	Drawbars Lower / left of split point
12	Sounds
13	DVD/CD Drive
14	USB Connections

4.1. Basic Operations

In this chapter we give **an overview** of the facilities available on this instrument.

Detailed descriptions of each function follow in later chapters e.g. Chapter 6: 'Main' beginning on page 28.

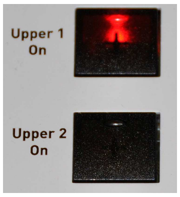
4.1.1. Control via Touch Buttons


Drawbars
A
B
C
D
Organ Typ
Vibrato 1/2
Rotor On
Attack/Sustain
Fixed/Free
Perc On
Perc 2nd/3rd
Manual Controls Upper
Upper 1 On
Oktave
Controls
Upper 2 On
Oktave
WersiChord
Lower
Lower 1 On
Oktave
Lower Hold
Lower 2 On
Oktave
Split

Two button types with different LED displays are used on your instrument:

4.1.1.1. Touch Buttons with built-in LED

[LED = ***L**ight* ***E**mitting* ***D**iode*]


Upper 1 On
Upper 2 On

The buttons for **activating playing areas**, the buttons for the **selection of Total Presets** (complete registrations) and the buttons for **controling the Auto Accompaniment** (Acc Controls) are buttons with a **built-in** LED.

LED = on/red = button/function activated

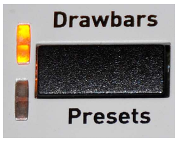
4.1.1.2. Touch Buttons in a Control Panel with built-in LED

All other buttons show there current status by the LEDs in the control panel. There are:

WersiChord

- Buttons with 1 LED above them (e.g. WersiChord in the Manual Controls section)
  Possible switching states: **On / Off**

- Buttons with 2 LEDs above them (e.g in the G section)
  Possible switching states: **Change of function**
  here for example Fixed <> Free (and back)

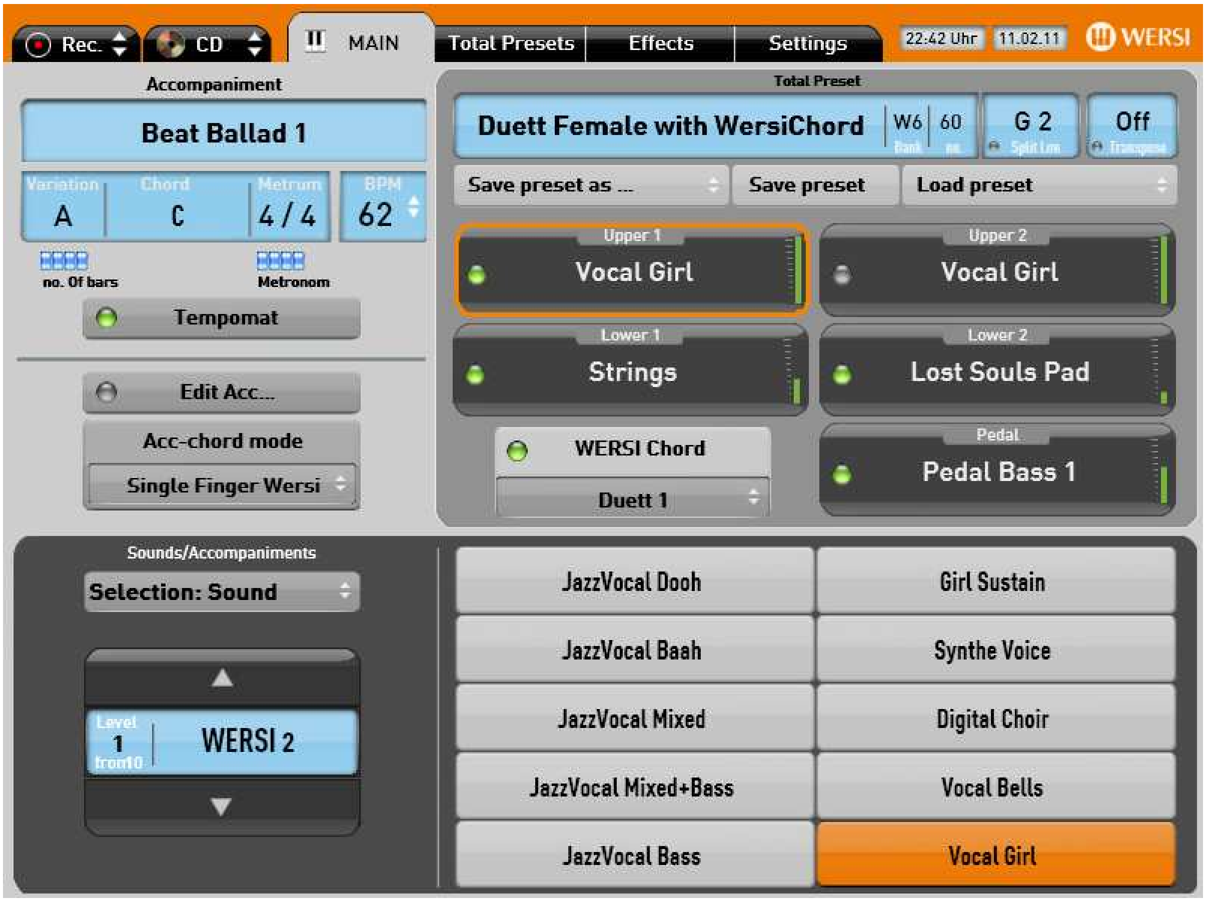

Drawbars
Presets

- Buttons with 2 LEDs to the left
  (e.g. all Style and sound selection buttons)
- Possible switching states: **change of (main) levels**
  here for example from Drawbars (Free) ➔ Presets (Drawbars)

By tapping the btton once or several times you can step forwards or back through the levels and functions.

4.1.2. Control via the Touch Screen

One of the highlights of your instrument is the **touch-sensitive 10'' TFT Colour Touch Screen.**
The most important settings and information for your music making are displayed here. Most displays have touch-sensitive buttons.


Rec.
CD
MAIN
Total Presets
Effects
Settings
22:42 Uhr
11.02.11
WERSI
Accompaniment
Beat Ballad 1
Variation A
Chord C
Metrum 4 / 4
BPM 62
no. Of bars
Metronom
Tempomat
Edit Acc...
Acc-chord mode
Single Finger Wersi
Total Preset
Duett Female with WersiChord
W6 Bank
60 no.
G 2 Split Line
Off Transpose
Save preset as ...
Save preset
Load preset
Upper 1 Vocal Girl
Upper 2 Vocal Girl
Lower 1 Strings
Lower 2 Lost Souls Pad
WERSI Chord
Duett 1
Pedal Pedal Bass 1
Sounds/Accompaniments
Selection: Sound
Level 1 from10
WERSI 2
JazzVocal Dooh
Girl Sustain
JazzVocal Baah
Synthe Voice
JazzVocal Mixed
Digital Choir
JazzVocal Mixed+Bass
Vocal Bells
JazzVocal Bass
Vocal Girl

A light tap on the appropriate text field - usually characterised by 2 arrows one above the other - is all that is needed to activate:
Auswahl: Klangfarben

- A particular display (e.g. to change the display from sounds <> accompaniments)
- A drop-down list (e.g. to select the required WersiChord mode)
- A particular **function** (e.g. tempo control on/off ➔ the appropriate light is on)
- A particular selection of sounds or accompaniments

Many of these controls are linked with the corresponding control panel buttons i.e. you can effect particular changes both from the screen or from the control panels.
e.g.: Press the LED for Upper 2 on the screen
= switch the Upper 2 Control Panel button Upper 2 on or off and vice versa.

4.2. Loudspeaker Controls

The instrument offers several loudspeaker setting possibilities which enable the best possible overall sound.

4.2.1. Overall Volume

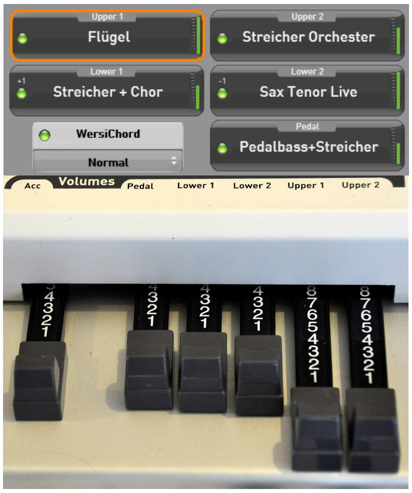
The slider control ② for the overall volume is situated on the left side of the control panel.

Set this slider to the maximum value which is **most comfortable for you**.

Now set the currently required volume with the swell pedal from a value of ‘0’ to maximum.

4.2.2. Playing Area and Accompaniment Volumes

The relative volumes of the individual playing areas are shown as a green bar in the display

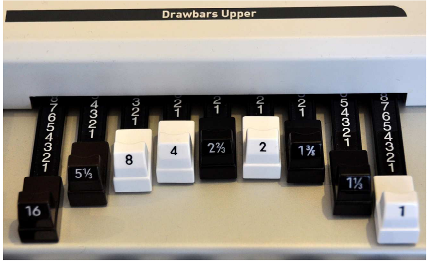

Upper 1
Flügel
Upper 2
Streicher Orchester
Lower 1
Streicher + Chor
Lower 2
Sax Tenor Live
WersiChord
Normal
Pedal
Pedalbass+Streicher
Acc
Volumes
Pedal
Lower 1
Lower 2
Upper 1
Upper 2

- Right of the split point (UPPER 1 und UPPER 2)
- Left of the split point (LOWER 1 und LOWER 2)
- Pedal

and set with the grey drawbars in the left part of the drawbar section (the accompaniment volume slider is also here).

- Drawbar fully out (value: 8)
  = full volume
- Drawbar fully in (value: 0)
  = no volume

4.2.3. The Drawbar Footages


Drawbars Upper
16
5⅓
8
4
2⅔
2
1⅗
1⅓
1

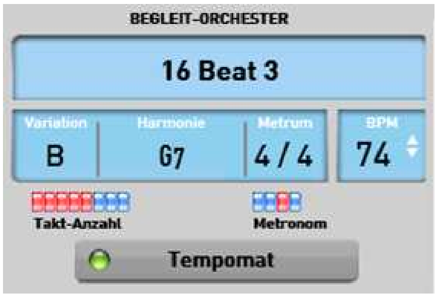
The individual footage volumes of the drawbar system (proportion in the mixture) are set – separately for each playing area – with the following sliders:

- Drawbars Upper (drawbars for right of the splitpoint)
- Drawbars Lower (drawbars for left of the splitpoint)

These controls only apply to those drawbar sounds indicated as ‘freely settable’ e.g. : DB B-Typ Rotor FREE

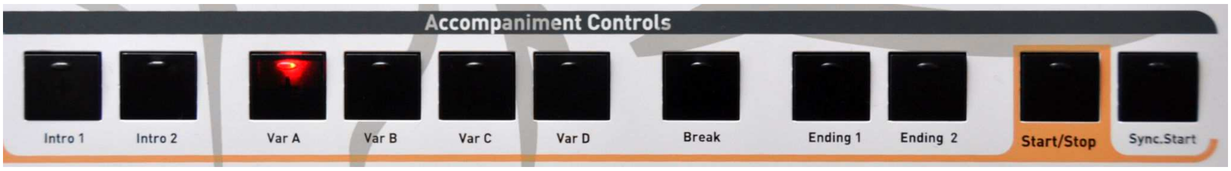
A detailed description of footages and setting possibilities can be found in Chapter 6.5: ‘Drawbars’ – starting at page 34.

4.3. Directing the Accompaniment


BEGLEIT-ORCHESTER
16 Beat 3
Variation
B
Harmonie
G7
Metrum
4 / 4
BPM
74
Takt-Anzahl
Metronom
Tempomat

The display gives the following information about the accompaniment:

- Name/Type of Style with time signature
- Selected Style Variation (Intro 1/2 – Var A-D – End 1/2)
- Bar count and progression; Variation/Intro/Ending
- Metronome = displays the current beat in the bar
- Tempo Set (BMP)
- Tempomat display with light
  (activated/not activated = green light on/off)


Accompaniment Controls
Intro 1
Intro 2
Var A
Var B
Var C
Var D
Break
Ending 1
Ending 2
Start/Stop
Sync.Start

4.3.1. Start/Stop

The accompaniment **immediately** begins playback, when the Start/Stop button is pressed.
➔ The LED in the button starts to flash in time:

green = beat 1   **red** = all other beats

➔ At the same time, the metronome and bar count begin.
Tapping the Start/Stop button again, stops the accompaniment.

4.3.2. Sync.Start

After the Sync.Start button is pressed, (the LED in the button turns red) the accompaniment with the selected variation begins to play automatically when the first key is played on the lower manual (or on the left of the split point when this has been set) or on a foot pedal ➔ the LED then goes out.

The accompaniment can also be stopped by tapping the Sync.Start button again; the Sync.Start function is now immediately reactivated for the next accompaniment.

4.3.3. Variations

Shown in the display: A / B / C or D

- Each Style has 4 variations.
  These are configured differently musically and/or in your instrumentation.
- The selected variation is indicated by the flashing LED in the button.

♬ With some Style tracks the variations (and the intros and endings) adapt themselves to the progression of the original piece.

4.3.4. Intro

Shown in the display: In 1 or In 2

- Each Style also contains 2 different Intros : Intro 1 + Intro 2.
  The Intros can be configured musically differently – from a simple count-in to a complex and musically elaborate introduction – and accordingly have different lengths.
- The count of bars remaining before the change to a variation is shown in the Accompaniment display under *No.Of Bars*.
- When the Intro finishes, the **accompaniment** switches automatically to the previously selected variation.
- The length of the Intro can be cut short during its playback by tapping one of the Variations Buttons (Var A – D); the accompaniment continues from the beginning of the next bar with the selected variation. An Intro can also be started by tapping the Sync.Start button **beforehand**.

4.3.5. Break

Shown in the display: Br 1

- For each Style there is one break (= linking section/solo) with a variable number of bars.
- After you press the button (LED flashes red), the break always begins on beat 1 of the next bar.
- Now the LED in the Break button is continuously lit and the LED Variation button flashes. The Style automatically continues with the variation when the break has finished.
- The break is interrupted when you press the Variation button (or another button) and the Style continues with this or another variation at the beginning of the next bar.

4.3.6. Ending

Shown in the display: End 1 or End 2

- Each Style also contains 2 different endings = (Ending 1 + Ending 2).
  The Endings too can be configure diffently – from a simple final chord to complex, musically elaborate Endings– and accordingly have different lengths.
- The count of bars remaining before the end to a variation is again shown in the Accompaniment display under *No.Of Bars*.
- The Style automatically stops when the ending finishes.

As it makes sense musically, endings only apply when an automatic accompaniment is playing.

5. Getting Started with TOTAL PRESETS

Making music on your instrument is most enjoyable when you can start playing straight away without having to set up registrations and settings.

A TOTAL PRESET is (like a photo) a saving of **all** current settings such as:

- Selected sounds for all playing areas including the settings for octave position and controls (reverberation, panorama etc.), activation of **WersiChord** including type (Upper 2), **split point** (Lower 2**), reverb effects** and much more.
- **Selected accompaniment** including tempo, Start Variation, accompaniment chord style and more.
- Foot switch assignments, swell pedal settings etc.

In addition, the instrument holds both

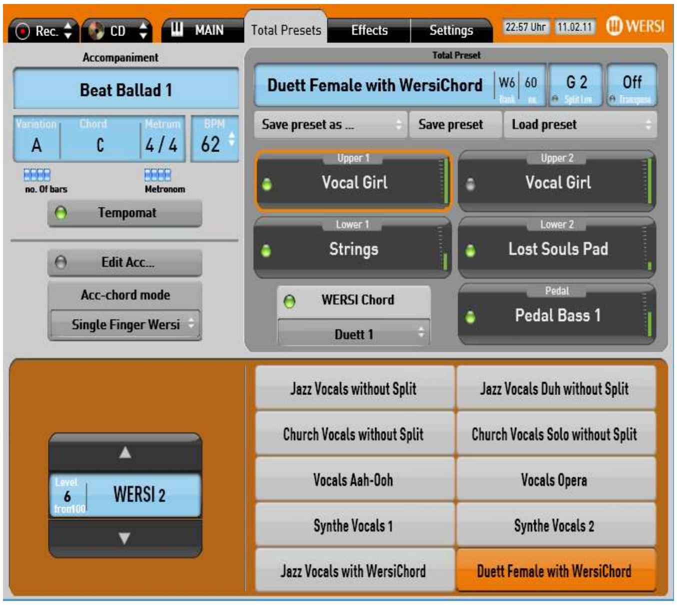
- **factory** TOTAL PRESETS **WERSI=W**
- and the facility to store your personal TOTAL PRESETS set up in accordance with **your own** taste and musical wishes **USER=U**.

A description of the procedure for setting up and storing your own TOTAL PRESETS (with its own name) is to be found in Chapter 7: "Saving User TOTAL PRESETS" – beginning at page 46.

5.1. The TOTAL PRESETS Display

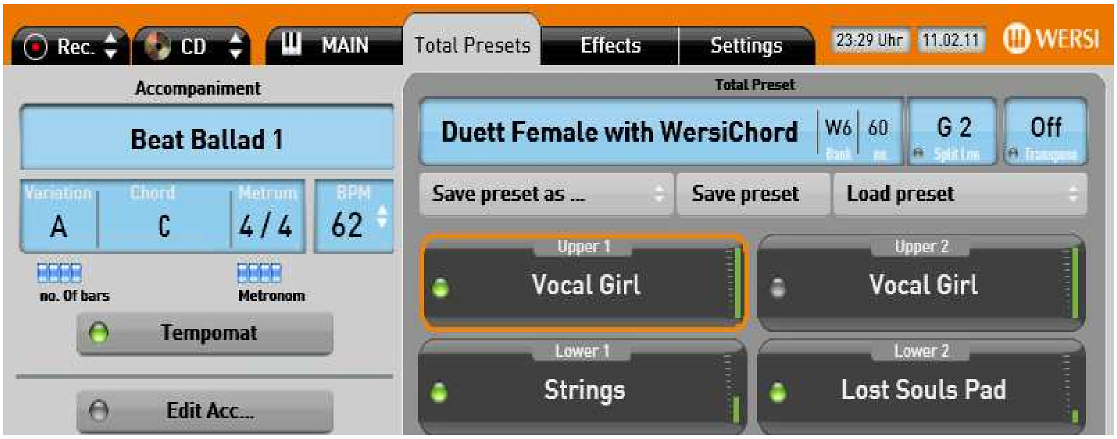
❖ Tap the Total Presets button in the header bar of the display.
➔ The Total Presets button in the header bar is magnified and turns grey.

At the same time, the text in the 10 fields changes to the Total Presets available at this level.


Rec.
CD
MAIN
Total Presets
Effects
Settings
22:57 Uhr
11.02.11
WERSI
Accompaniment
Beat Ballad 1
Variation
A
Chord
C
Metrum
4 / 4
BPM
62
no. Of bars
Metronom
Tempomat
Edit Acc...
Acc-chord mode
Single Finger Wersi
Total Preset
Duett Female with WersiChord
W6
Bank
60
G 2
Split Lm
Off
Transpose
Save preset as ...
Save preset
Load preset
Upper 1
Vocal Girl
Upper 2
Vocal Girl
Lower 1
Strings
Lower 2
Lost Souls Pad
WERSI Chord
Duett 1
Pedal
Pedal Bass 1
Level
6
from100
WERSI 2
Jazz Vocals without Split
Jazz Vocals Duh without Split
Church Vocals without Split
Church Vocals Solo without Split
Vocals Aah-Ooh
Vocals Opera
Synthe Vocals 1
Synthe Vocals 2
Jazz Vocals with WersiChord
Duett Female with WersiChord

All settings saved with this Total Preset are now automatically displayed.

In the upper part of the display can now be seen all the important TOTAL PRESET information:



Accompaniment: Beat Ballad 1
Variation: A
Chord: C
Metrum: 4 / 4
BPM: 62

Total Preset: Duett Female with WersiChord
Bank: W6
Nr.: 60
Split Lm: G 2
Transpose: Off
Upper 1: Vocal Girl
Upper 2: Vocal Girl
Lower 1: Strings
Lower 2: Lost Souls Pad

Example: WERSI (Factory) Preset: **'Grand Piano'**:

- Bank 1 (= W1) in the 3rd storage position (= Nr. 3)

ⓘ Bank 1: Nr. 1-10; Bank 2: Nr. 11-20; Bank 3: 21-30 etc.

ⓘ The storage positions are numbered consecutively line-by-line

Position No. 1	Position No. 2
Position No. 3	Position No. 4
etc.	

- Split on the lower manual (Lower 2) = G2 No transposer setting = Off
- Styles are not stored with factory Total Presets.

5.2. SELECTING TOTAL PRESETS

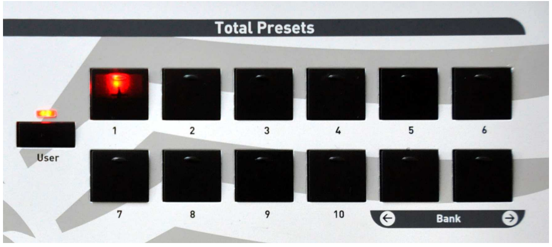
Your instrument holds **100 Factory Total Presets** and **1000 User Total Presets.** (divided into banks each of 10 Total Presets).

You can bring up a Total Preset in various ways:

- With the control panel buttons (Nr. 1-10 together with ← Bank →)
- Through the display menu Total Presets
- Or with the Load Preset button.

5.2.1. Selecting with the Control Panel

If you know a preset's storage place number, you can select it immediately in the *Total Presets* section of the control panel.



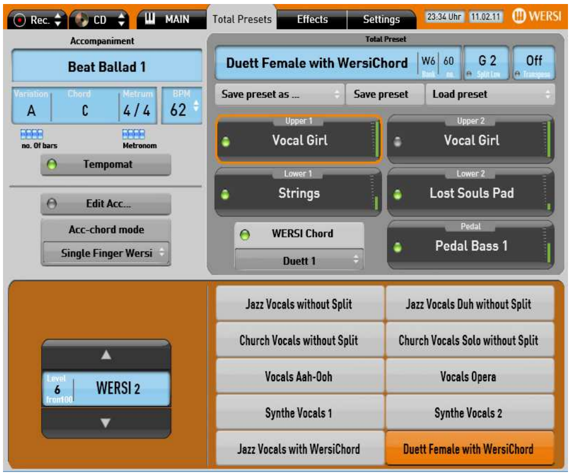
❖ Press 1 of the 10 control panel buttons in the Total Presets section
→ the selected Total Preset is **immediately** loaded and displayed on the screen in the *Total Presets* menu.

❖

❖ Use the 2 buttons ← Bank → in *Total Presets* on the control panel to switch through the various levels of preset banks. Please note that the User button (for the time being) should **not** be lit.

✋ Nothing can be displayed or loaded for this level, if no user presets have been saved.

5.2.2. Selecting through the Display Menu

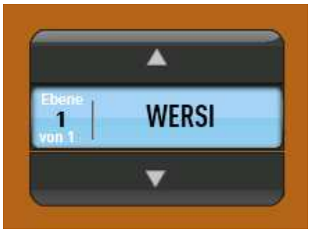

Rec.
CD
MAIN
Total Presets
Effects
Settings
23:34 Uhr
11.02.11
WERSI
Accompaniment
Beat Ballad 1
Variation A
Chord C
Metrum 4 / 4
BPM 62
no. Of bars
Metronom
Tempomat
Edit Acc...
Acc-chord mode
Single Finger Wersi
Total Preset
Duett Female with WersiChord
W6
60
G 2
Off
Save preset as ...
Save preset
Load preset
Upper 1
Vocal Girl
Upper 2
Vocal Girl
Lower 1
Strings
Lower 2
Lost Souls Pad
WERSI Chord
Duett 1
Pedal
Pedal Bass 1
Level 6
WERSI 2
Jazz Vocals without Split
Jazz Vocals Duh without Split
Church Vocals without Split
Church Vocals Solo without Split
Vocals Aah-Ooh
Vocals Opera
Synthe Vocals 1
Synthe Vocals 2
Jazz Vocals with WersiChord
Duett Female with WersiChord

- ❖ Change to the *Total Presets* menu, if need be, by tapping the button in the header bar.
- ❖ Then press the button of the Preset/Title required in the list displayed below.
  ➔ the field with the selected Total Preset turns orange

♬ You can/could now begin to play straight away ♬

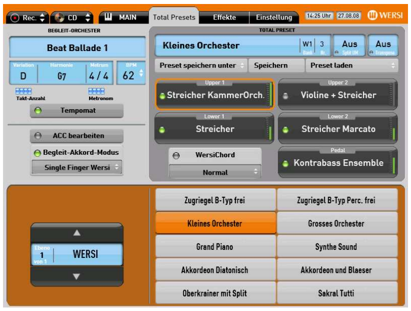
However, as the many presets are distributed in several banks/levels, you may have to **change the Bank/Level** to get to your desired title.

5.2.3. Changing the Bank/Level in the Display

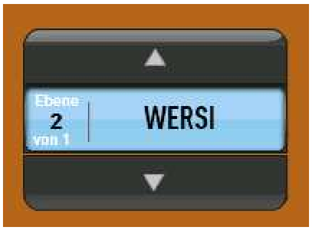

Ebene
1
von 1
WERSI

You can change the preset bank/level by using the arrows on this button ▲ / ▼.

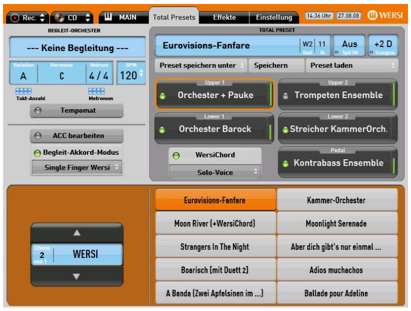
- ❖ Tapping the lower arrow ▼ increases the bank number, tapping the upper arrow ▲ decreases it.


Total Presets
Effekte
Einstellung
Beat Ballade 1
Kleines Orchester
Preset speichern unter
Speichern
Preset laden
Streicher KammerOrch.
Violine + Streicher
Streicher
Streicher Marcato
WersiChord
Normal
Kontrabass Ensemble
Tempomat
ACC bearbeiten
Begleit-Akkord-Modus
Single Finger Wersi
1
WERSI
Zugriegel B-Typ frei
Zugriegel B-Typ Perc. frei
Kleines Orchester
Grosses Orchester
Grand Piano
Synthe Sound
Akkordeon Diatonisch
Akkordeon und Blaeser
Oberkrainer mit Split
Sakral Tutti

>


Ebene
2
von 1
WERSI

>


Total Presets
Effekte
Einstellung
--- Keine Begleitung ---
Eurovisions-Fanfare
Preset speichern unter
Speichern
Preset laden
Orchester + Pauke
Trompeten Ensemble
Orchester Barock
Streicher KammerOrch.
WersiChord
Solo-Voice
Kontrabass Ensemble
Tempomat
ACC bearbeiten
Begleit-Akkord-Modus
Single Finger Wersi
2
WERSI
Eurovisions-Fanfare
Kammer-Orchester
Moon River (+WersiChord)
Moonlight Serenade
Strangers In The Night
Aber dich gibt's nur einmal ...
Boarisch (mit Duett 2)
Adios muchachos
A Banda (Zwei Apfelsinen im ...)
Ballade pour Adeline

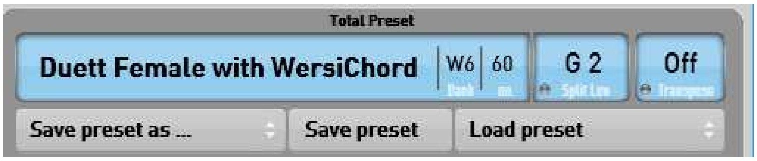
A new list of up to 10 presets is immediately displayed.

- ❖ You can now select your required preset by tapping its title.
- ❖ ➔ the field with the selected title now turns orange.

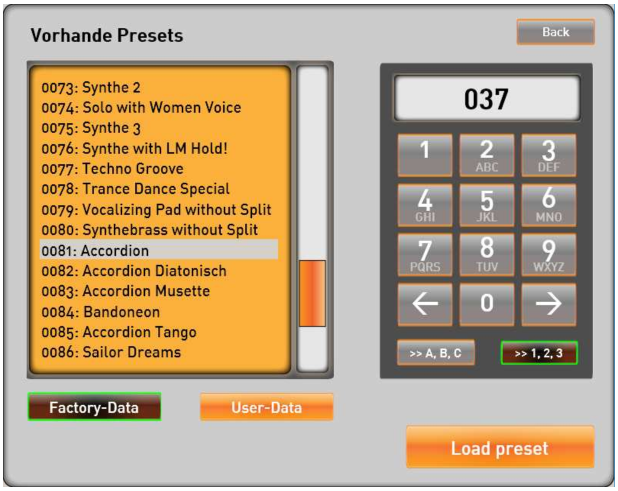
5.3. Selecting with the "Load Preset" Button

In addition to the methods described above, total presets can also be loaded in a different way – with better preselection.

- ❖ Press the Load Preset button in the display


Total Preset
Duett Female with WersiChord
W6
60
G 2
Off
Save preset as ...
Save preset
Load preset

and the following new menu is opened *Select Preset*


Vorhande Presets
Back
037
1
2 ABC
3 DEF
4 GHI
5 JKL
6 MNO
7 PQRS
8 TUV
9 WXYZ
←
0
→
>> A, B, C
>> 1, 2, 3
Factory-Data
User-Data
Load preset

0073: Synthe 2
0074: Solo with Women Voice
0075: Synthe 3
0076: Synthe with LM Hold!
0077: Techno Groove
0078: Trance Dance Special
0079: Vocalizing Pad without Split
0080: Synthebrass without Split
0081: Accordion
0082: Accordion Diatonisch
0083: Accordion Musette
0084: Bandoneon
0085: Accordion Tango
0086: Sailor Dreams

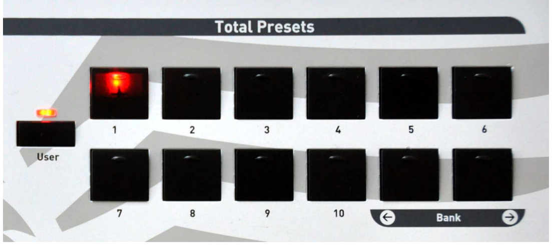
- ❖ You can switch between factory total presets and your own total presets with the buttons labelled FACTORY DATA and USER DATA
- ❖ Use the vertical scroll bar to move through the list

- ❖ You can switch between an alphabetical list >>A,B,C ➔ and a numerical list >>1,2,3 ➔ in the numerical keypad
- ❖ In the numerical keypad you can also input the number of the total preset. This is, always a four digit number (e.g. 0002 or 0067 or 0132).
- ❖ Using the numerical keypad with the alpahabetical listing, you can sort using the initial letters, as with a mobile telephone.
- ❖ Select the required total preset with the numerical keypad or touch the required item in the list ➔ the text is highlighted in yellow.
- ❖ Load the Total Preset by tapping the Load Preset button.

You can leave this menu at any time **without** loading anything by tapping the Back button in the top right corner.

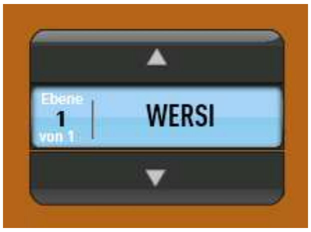
5.4. Changing WERSI (Factory) Preset <> User Presets

Switching from **WERSI (=W=Werks)** Total Presets to your own (later constructed) User Presets can be done either

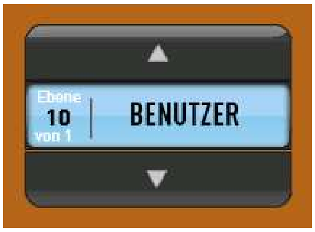

Total Presets
User
1
2
3
4
5
6
7
8
9
10
Bank

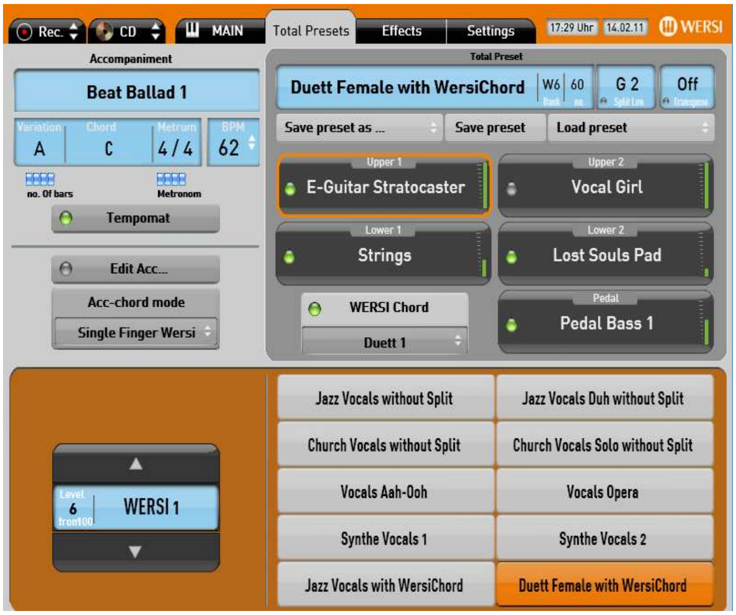
- using the control panel User button in the Total Preset area

  or


Ebene
1
von 1
WERSI

- by tapping the blue WERSI <> USER button in the display


Ebene
10
von 1
BENUTZER


Rec.
CD
MAIN
Total Presets
Effects
Settings
17:29 Uhr
14.02.11
WERSI
Accompaniment
Beat Ballad 1
Variation
A
Chord
C
Metrum
4 / 4
BPM
62
no. Of bars
Metronom
Tempomat
Edit Acc...
Acc-chord mode
Single Finger Wersi
Total Preset
Duett Female with WersiChord
W6
60
G 2
Off
Save preset as ...
Save preset
Load preset
Upper 1
E-Guitar Stratocaster
Upper 2
Vocal Girl
Lower 1
Strings
Lower 2
Lost Souls Pad
WERSI Chord
Duett 1
Pedal
Pedal Bass 1
Level
6
from100
WERSI 1
Jazz Vocals without Split
Jazz Vocals Duh without Split
Church Vocals without Split
Church Vocals Solo without Split
Vocals Aah-Ooh
Vocals Opera
Synthe Vocals 1
Synthe Vocals 2
Jazz Vocals with WersiChord
Duett Female with WersiChord

The *Total Presets* menu can of course be switched to *MAIN* at any time.
You can then go back to the display of the current accompaniment or sound level using the switch button:

Selection: Sound / Selection: Accomp.

A list of all the supplied **WERSI (Factory) TOTAL PRESETS** and a blank page for your own **USER TOTAL PRESETS** can be found at the end of this manuel in Chapter 18.2 “List of Total Presets” starting at page 91.

5.5. Software Extentions

The unique WERSI OpenArt-System offers the possibility of changing and expanding substantial parts of the instrument with software updates.

The instruments sounds, Styles and functions can be expanded by so-called ‘activations’ Currently (11/2009) there are 5 sound packs which can be purchased:

1. Church Sound Pack
2. Theatre Sound Pack
3. Synth Sound Pack
4. Grand Piano Sound Pack
5. ToneWheel Sound Pack

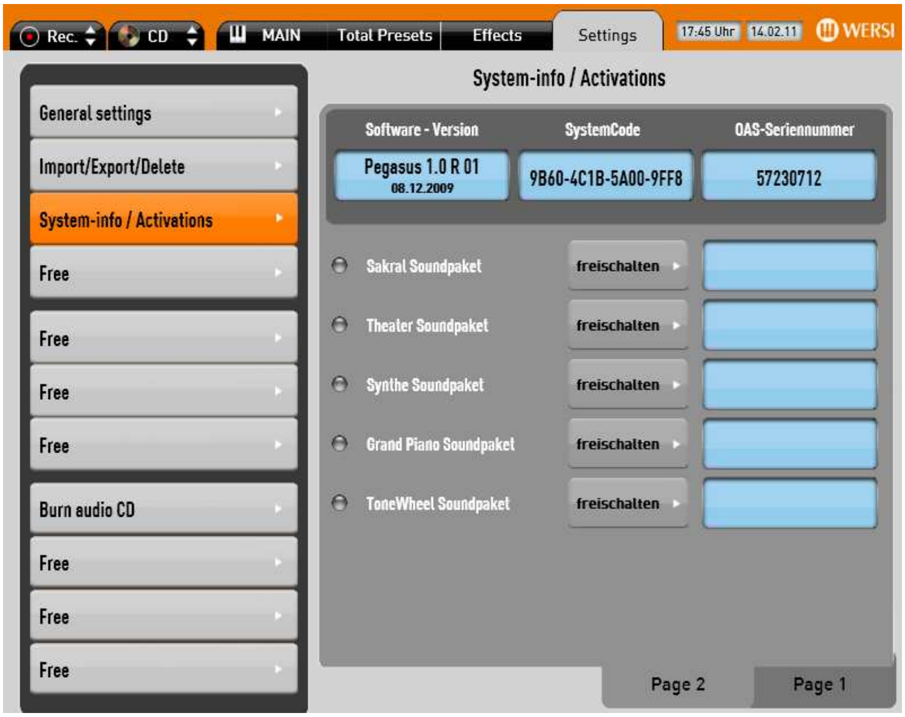
We are constantly expanding the range on offer.

See our internet site www.wersi.de for further information.

If you purchase one of the packs on offer, you will receive an activation number from WERSI configured according to the distinctive serial number of your instrument and can only be used on your instrument.

ⓘ After receiving the activation number, you need to activate the upgrade to your instrument. Find out more in the Chapter 12.3.4 “Activating Extentions”.

ⓘ **You will find information on how to operate or select extentions in the relevant operating instructions and also in Chapter 6.7 “Selecting Sound Packs”.**


Rec.
CD
MAIN
Total Presets
Effects
Settings
17:45 Uhr
14.02.11
WERSI
General settings
Import/Export/Delete
System-info / Activations
Free
Free
Free
Free
Burn audio CD
Free
Free
Free
Sakral Soundpaket
Theater Soundpaket
Synthe Soundpaket
Grand Piano Soundpaket
ToneWheel Soundpaket
freischalten
freischalten
freischalten
freischalten
freischalten
Page 2
Page 1

System-info / Activations

Software - Version	SystemCode	OAS-Seriennummer
Pegasus 1.0 R 01 08.12.2009	9B60-4C1B-5A00-9FF8	57230712

6. MAIN

[MAIN = Main playing level]

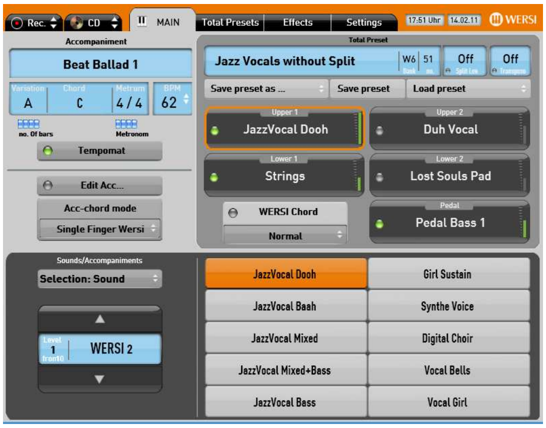
You can, of course, set up your instrument according to your **own musical requirements**.

In this chapter we describe all the musical and playing-technique facilities open to you.

6.1. Description of the MAIN Display

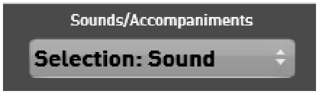
To see the MAIN display, press the corresponding button in the header bar.
➔ the button is magnified and turns grey.

The following is an example of what opens:

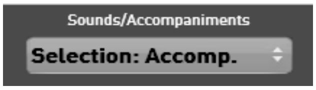

Rec.
CD
MAIN
Total Presets
Effects
Settings
17.51 Uhr
14.02.11
WERSI
Accompaniment
Beat Ballad 1
Variation A
Chord C
Metrum 4 / 4
BPM 62
no. Of bars
Metronom
Tempomat
Edit Acc...
Acc-chord mode
Single Finger Wersi
Total Preset
Jazz Vocals without Split
W6 51
Off
Off
Save preset as ...
Save preset
Load preset
Upper 1
JazzVocal Dooh
Upper 2
Duh Vocal
Lower 1
Strings
Lower 2
Lost Souls Pad
WERSI Chord
Normal
Pedal
Pedal Bass 1
Sounds/Accompaniments
Selection: Sound
WERSI 2
JazzVocal Dooh
Girl Sustain
JazzVocal Baah
Synthe Voice
JazzVocal Mixed
Digital Choir
JazzVocal Mixed+Bass
Vocal Bells
JazzVocal Bass
Vocal Girl

Tapping a particular instrument/sound transfers this automatically to the playing area inside an orange frame. (in this example Upper 1)

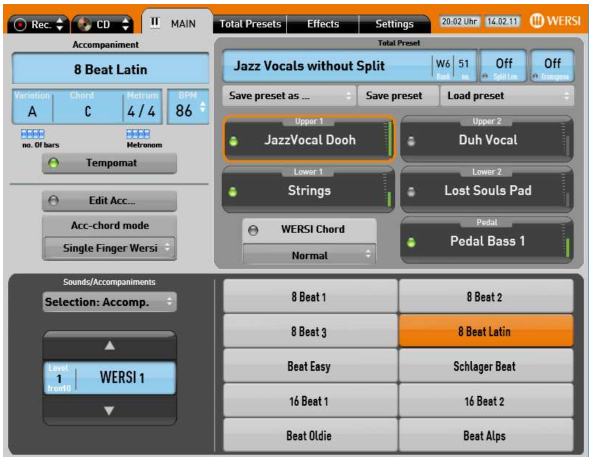
Other sounds (e.g. violin instead of piano) are on other control panel buttons!) and must first be preselected there.


Sounds/Accompaniments
Selection: Sound

By tapping the Selection: Sound button


Sounds/Accompaniments
Selection: Accomp.

this changes to Selection: Accomp. and the lower part of the display changes at the same time to Accompaniments (Accompaniments/Styles).

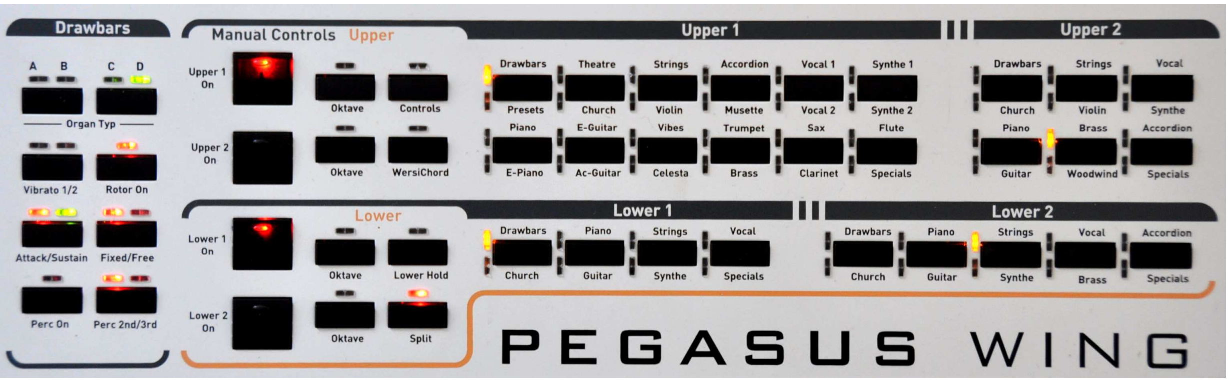

Rec.
CD
MAIN
Total Presets
Effects
Settings
20:02 Uhr
14.02.11
WERSI
Accompaniment
8 Beat Latin
Variation A
Chord C
Metrum 4 / 4
BPM 86
no. Of bars
Metronom
Tempomat
Edit Acc...
Acc-chord mode
Single Finger Wersi
Total Preset
Jazz Vocals without Split
W6 51
Off
Off
Save preset as ...
Save preset
Load preset
Upper 1
JazzVocal Dooh
Upper 2
Duh Vocal
Lower 1
Strings
Lower 2
Lost Souls Pad
WERSI Chord
Normal
Pedal
Pedal Bass 1
Sounds/Accompaniments
Selection: Accomp.
WERSI 1
8 Beat 1
8 Beat 2
8 Beat 3
8 Beat Latin
Beat Easy
Schlager Beat
16 Beat 1
16 Beat 2
Beat Oldie
Beat Alps

Tapping a particular accompaniment selects this and shows it in the Accompaniment field.

Other accompaniments (e.g. foxtrot instead of waltz) are on other control panel buttons and must first be preselected there.

6.2. Selecting Sounds

On the right of the control panel are the selection and configuration facilities for sounds and manuals (not for pedals).

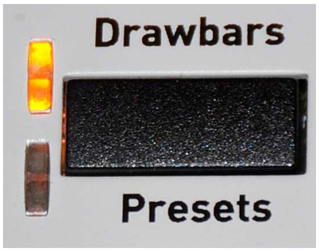

Drawbars
A
B
C
D
Organ Typ
Vibrato 1/2
Rotor On
Attack/Sustain
Fixed/Free
Perc On
Perc 2nd/3rd
Manual Controls
Upper
Upper 1 On
Upper 2 On
Oktave
Controls
Oktave
WersiChord
Lower
Lower 1 On
Lower 2 On
Oktave
Lower Hold
Oktave
Split
Upper 1
Drawbars
Presets
Theatre
Church
Strings
Violin
Accordion
Musette
Vocal 1
Vocal 2
Synthe 1
Synthe 2
Piano
E-Piano
E-Guitar
Ac-Guitar
Vibes
Celesta
Trumpet
Brass
Sax
Clarinet
Flute
Specials
Upper 2
Drawbars
Church
Strings
Violin
Vocal
Synthe
Piano
Guitar
Brass
Woodwind
Accordion
Specials
Lower 1
Drawbars
Church
Piano
Guitar
Strings
Synthe
Vocal
Specials
Lower 2
Drawbars
Church
Piano
Guitar
Strings
Synthe
Vocal
Brass
Accordion
Specials
PEGASUS WING

6.2.1. Division of Levels for Sounds

The selection of sounds is divided according to each level as follows:

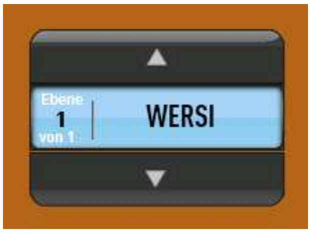
Upper 1 (right half 1)	Upper 2 (right half 2 incl. WersiChord)
Lower 1 (left half 1)	Lower 2 (left half 2)

The buttons for selecting sounds are divided into instrument groups.


Drawbars
Presets

- The currently active main level changes when a button is pressed (see also the label)
  E.g.: Drawbars. ➔ the upper LED lights in the other main level
  E.g.: Presets. ➔ the lower LED lights
- **Tapping the button again** switches back to the previous main level.

So that all sounds can be allocated to all playing areas, there are also other levels on some sound buttons (especially in the Upper2/Lower1/Lower 2).

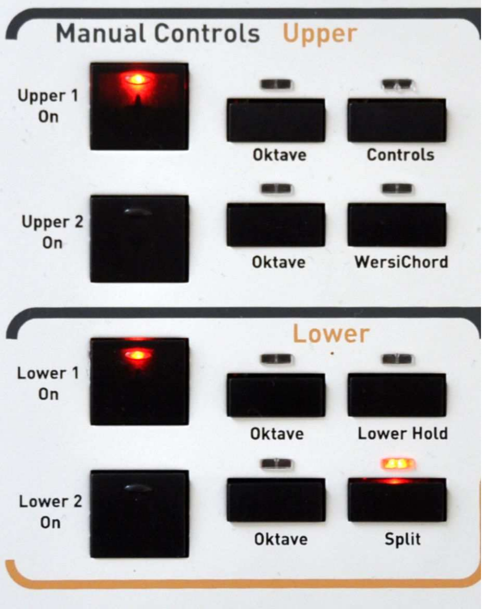

▲
Ebene
1
von 1
WERSI
▼

These are selected in the display with the arrows ▲ / ▼ of these buttons.

- Tapping the lower arrow ▼ increases the level number, tapping the upper arrow ▲ decreases it.

A list of all available sounds can be found at the end of this manual in Chapter 18.3 "List of Factory Sounds" starting at page 94.

6.2.2. Activating or Deactivating Different Levels


Manual Controls Upper
Upper 1 On
Oktave
Controls
Upper 2 On
Oktave
WersiChord
Lower
Lower 1 On
Oktave
Lower Hold
Lower 2 On
Oktave
Split

Activating or deactivating sounds from the various layers is achieved with the corresponding On/Off button: Upper 1 On , Upper 2 On etc.

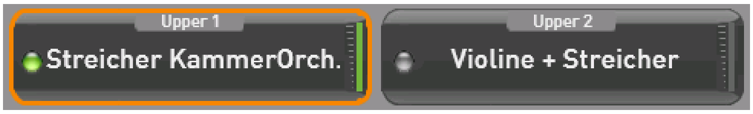
➔ On = LED on.

Playing Tip:

Upper 1 On
Upper 2 On

With these buttons you can either
- have both sounds on

- or **quickly** switch between the two pre-registered sounds (by switching the On/Off setting)

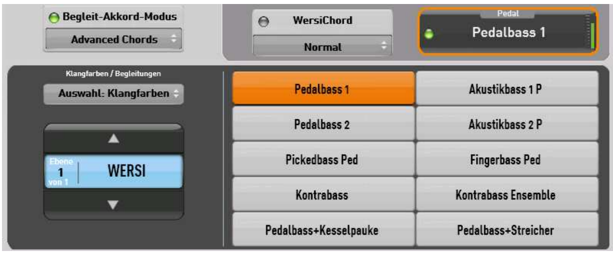

Upper 1
Streicher KammerOrch.
Upper 2
Violine + Streicher

Activating or deactivating the different levels can also be achieved by tapping the LED in the display

LED lit = sound on

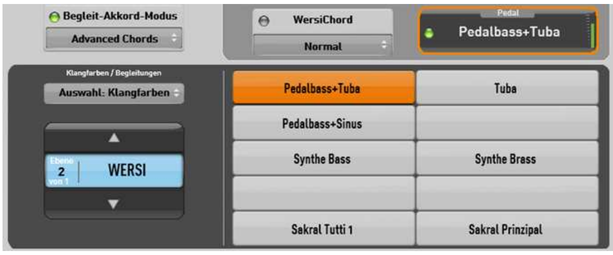
LED off = sound off

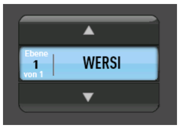
6.2.3. Selecting Sounds for the Pedal (Optional)


Begleit-Akkord-Modus
Advanced Chords
WersiChord
Normal
Pedal
Pedalbass 1
Klangfarben / Begleitungen
Auswahl: Klangfarben
Ebene 1 von 1
WERSI
Pedalbass 1
Akustikbass 1 P
Pedalbass 2
Akustikbass 2 P
Pickedbass Ped
Fingerbass Ped
Kontrabass
Kontrabass Ensemble
Pedalbass+Kesselpauke
Pedalbass+Streicher

The selection of sounds for the optional 17-pedal board can be done **only in the Display** by:

- ❖ Tapping the button marked Pedal
  ➔ orange frame appears round the button
- ❖ Selecting a pedal sound in the sound selection boxes
- ❖ Setting the required volume with the grey slider marked Pedal


Begleit-Akkord-Modus
Advanced Chords
WersiChord
Normal
Pedal
Pedalbass+Tuba
Klangfarben / Begleitungen
Auswahl: Klangfarben
Ebene 2 von 1
WERSI
Pedalbass+Tuba
Tuba
Pedalbass+Sinus
Synthe Bass
Synthe Brass
Sakral Tutti 1
Sakral Prinzipal


Ebene 1 von 1
WERSI

Selecting different levels for the pedal can be achieved by tapping the lower arrow button.

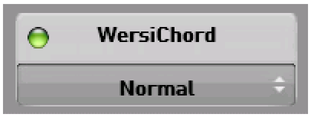
6.2.4. WERSI Chord (for Upper Manual 2)

WersiChord provides a very musical way of adding harmonies to a single voiced melody. The additional voices produced (apart from the the "Solo Voice" and "Fingered" functions) are determined by the **chord played on the lower manual** and by the **WersiChord Type** set in the display.

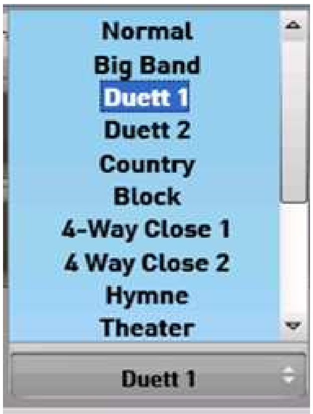
Procedure:

- Select in Upper Manual 2 (Upper 2) the required sound for your WersiChord voice and if necessary set the octave position.
- Switch the ***WersiChord*** function On/Off
  - **either** by tapping the WersiChord button on the control panel ➔ LED lights

or



- by tapping the lamp in the display for the WERSI Chord button ➔ the lamp now turns *green*.



Now set the required WersiChord Type in the display:

- Press on the drop-down list box (with 2 small arrows)
  ➔ a drop-down list now appears
- Select the required WersiChord type by tapping it in the list
  ➔ the selection now has a blue background
  ➔ The selected WersiChord type appears below

By pressing and simultaniously pushing the right scroll bar, you can go up or down through the display.

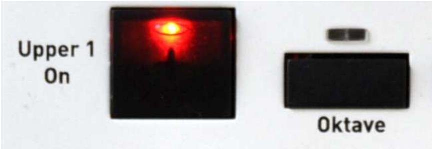
- Tap the selected WersiChord type where it appears below to close the selection list.

WersiChord

A list of the available WersiChord types can be found in Chapter 18.5: "List of WersiChord Types" – starting at page 119

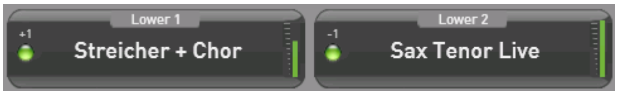
It is often musically very interesting to hear just the additional WersiChord voices (without the note played on the upper manual!) together with Upper Manual 1 voice. To do this, simply switch the Upper 2 On to "Off' ➔ LED = off

6.2.5. Octave Position



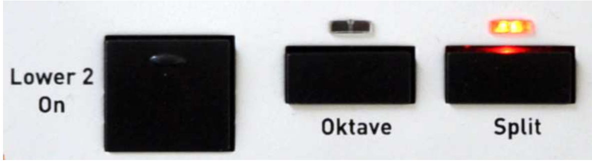
The sound for each playing area can be **raised or lowered** by one octave
e.g. from **C 2** ➔ C3 ➔ C1 ➔ **C 2**

- Button not pressed = original octave position(=normal state) = LED off
- Button pressed once = 1 octave higher (+1) = **LED on**
- Button pressed twice = 1 Octave lower (-1) = **LED on**
- Button pressed 3 times = back to original octave position = LED off



The corresponding values are shown in the display in the corresponding playing areas above the LED (nothing shown = 0).

6.2.6. Keyboad Split



Using the control panel Split button you can split the manual at any point (= dividing the manual into a left and right parts).

The keyboard split is switched on or off by simply tapping the Split button.

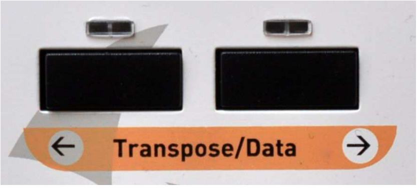
Setting a Split Point:

- ❖ By pressing the control panel button Split for longer (about 2 seconds)
  ➔ The control panel button **and** the button in the display begin to flash.
- ❖ by pressing the required manual key
  ➔ the indication in the display changes to the selected sound (e.g.: C2) and the control panel button stops flashing
  ➔ The manual is divided into 2 separate playing areas.

The split point is automatically stored in a total preset.

6.3. Transpose

[to *transpose* = *to change the key*]

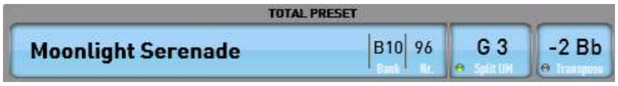

Transpose/Data

You can use these keys to transpose in **semitone steps** (-5 to +6).

G ← A# ← A ← Bb ← B ← **C** → C# → D → D# → E → F → F#

e.g.:	Play in **C** major	→ Transpose: +4 E	→ sound in **E** major
	Play in **F** major	→ Transpose: -2 Bb	→ sound in **Eb** major

- Press and release the button
  → change by a value of 1 (left button: -1; right button: +1)
- Press both buttons at the same time
  → Set the transpose setting back to **Off** (=original)


TOTAL PRESET
Moonlight Serenade
B10
Bank
96
Nr.
G 3
Split ON
-2 Bb
Transpose

The transpose setting is shown in the display under *TOTAL PRESETS* (as here: -2 Bb).

6.4. Lower Hold

Lower 1
On
Lower
Oktave
Lower Hold

With this function the notes played on the lower manual (or left side of the split) are held, i.e.: you can take your hand away and the notes continue to sound.

With Lower Hold **activated**, the notes played stop playing:

- when you stop the accompaniment

or

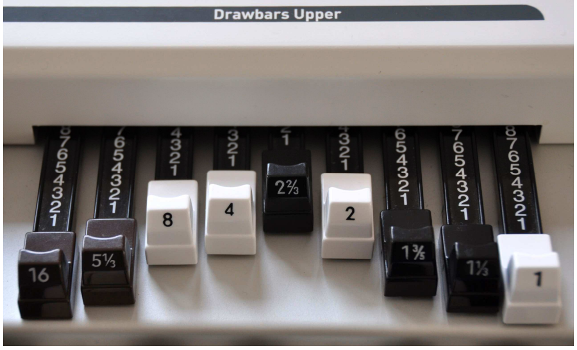
- by a quick double press on the Start/Stop button

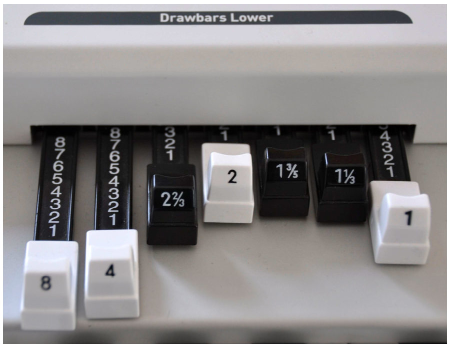
6.5. Drawbars

A distinguishing feature of your instrument is its exceptional drawbar system with each playing area having its own full set of separately controllable drawbars with

9 footages for the upper or right half

7 footages for the lower or left half


Drawbars Upper
16
5⅓
8
4
2⅔
2
1⅗
1⅓
1

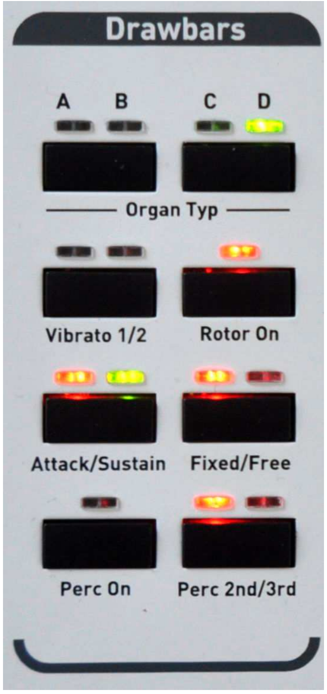

Drawbars Lower
8
4
2⅔
2
1⅗
1⅓
1

The volume of the drawbars for the lower manual is set with 7 drawbars, “Drawbars Lower”. The overall volume of the drawbars is set with Volume UPPER 1.

Footage:	16′	5 1/3′ (fifth)	8′ (octave)	4′	2 2/3′	2′	1 3/5′ (third)	1 1/3′	1′
e.g.:	C1	G2(!)	C2	C3	G3	C4	E4	G4	C5

(5 1/3′ in accordance with the HAMMOND® system is positioned between the 16′ and 8′ sliders)

6.5.1. Selecting the Organ Sound


Drawbars
A
B
C
D
Organ Typ
Vibrato 1/2
Rotor On
Attack/Sustain
Fixed/Free
Perc On
Perc 2nd/3rd

Your instrument has both

- **Pre-programmed drawbar Presets** and
- **Freely programmable drawbars** (=drawbar sounds)

which can be changed with various settings.

Only the “Drawbars Variable” sound takes on the current setting of the drawbar. Only the sounds with the abreviation DB: are variable sounds. All other drawbar sounds are sampled sounds.

The rotor effect/speed (corresponding to the Leslie® speaker cabinets with rotating loudspeakers) can be switched with the Rotor On button on the control panel from

- fast = whirring, vibrato-like effect to
- slow = floating cathedral-like effect

(The effect can also be switched using the foot switch on the swell pedal).

6.5.2. Drawbar Settings

You can select special settings for your drawbars with various control panel buttons

6.5.2.1. Organ Type

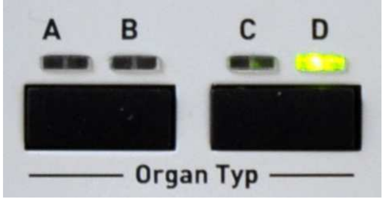
You can change the drawbar sound with these buttons:

A: Drawbar Standard 1, Rotor Horn enhanced

B: Drawbar Standard 1, Rotor

C: Drawbar Bright, Digital Limited Repetition

D: Drawbar Bright, Analogue Without Repetition



6.5.2.2. Vibrato 1/2/3

With this button you can select the desired vibrato effect.
The original signal is mixed with a signal modulated within the phase, which results in acoustic delay effects and frequency band effacements (phase vibrato).

- **LEDs off:** no vibrato
- **LED left:** vibrato 1
- **LED right:** vibrato 2
- **Both LEDs:** vibrato 3

6.5.2.3. Rotor Slow/Fast

The rotor effect is switched on or off with this button.

6.5.2.4. Click

- **LEDs off:** no KeyKlick
- **LED left:** KeyKlick soft
- **LED right:** KeyKlick medium
- **Both LEDs:** KeyKlick loud

6.5.2.5. Fixed/Free

- With this button you can determine whether you want to save the current drawbar settings in a total preset.

- **LEDs Fixed:**
  If the total preset was stored FIXED, the current drawbar setting is automatically saved with it.

- **LEDs Free:**
  With the FREE setting the drawbar sound is always initially stored in the preset. You can then change this with the drawbars whilst playing.

ⓘ You can change the sound with each footage separately, but you might have to move all the drawbars to change the sound completely.

Examples:

1. **Free drawbar sound based on the "Drawbar Standard" sound.**
    a. Select the "Drawbar Standard" sound
    b. Select the FREE setting.
    c. Set the required sound with the drawbars and the control panel buttons in the "Drawbars" section.
    d. Save your Total Preset.

2. **Permanent drawbar setting based on pre-stored drawbar settings.**
    a. Select a pre-programmed sound, such as "DB Rotor Bright" or "DB Rotor Rock" or "Drawbar Standard".
    b. Select the setting FREE.
    c. Set the required sound with the drawbars and the control panel buttons in the "Drawbars" section.
    d. Select the setting FIXED.
    e. Save your Total Preset.

3. **Free drawbar setting based on pre-stored drawbar settings.**
    a. Select a pre-programmed sound, such as "DB Rotor Bright' or "DB Rotor Rock" or "Drawbar Standard".
    b. Select the setting FREE.
    c. Set the required sound with the drawbars and the control panel buttons in the "Drawbars" section.
    d. Save your Total Preset.

Result for example 1: After loading the preset you hear the instument's current drawbar setting. The sound can be changed with the drawbars.

Result for example 2: After loading the preset you hear the previously stored drawbar sound. The sound cannot be changed with the drawbars.

Result for example 3: After loading the preset you hear the previously stored drawbar sound, but you can now make changes with the individual drawbars.

6.5.2.6. Perc On

The percussion effect adds a short, initial percussive effect to the normal drawbar organ sound when a key is struck.

ⓘ When you add percussion to the drawbar sound, the sound from Footage 1’ is missing, as with the old electromechanical organs.

6.5.2.7. Perc 2nd/3rd

With this button you can determine the footage of a fixed pre-programmed percussion effect.

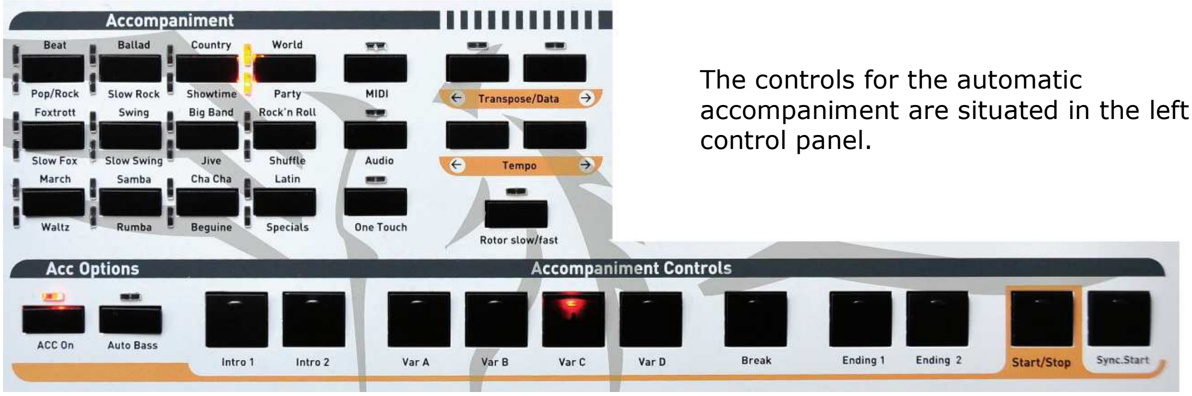
- LED left: 2nd (4’)
- LED right: 3rd (2 2/3’)

Perc 2nd/3rd

6.6. Selecting Accompaniments

The process of selecting accompaniments (=Styles/Accompaniments) is the same as when selecting sounds.

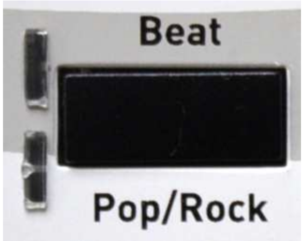
You may first need to activate the accompaniment button by tapping Selection: Accomp..


Accompaniment
Beat
Ballad
Country
World
Pop/Rock
Slow Rock
Showtime
Party
MIDI
Transpose/Data
Foxtrott
Swing
Big Band
Rock'n Roll
Slow Fox
Slow Swing
Jive
Shuffle
Audio
Tempo
March
Samba
Cha Cha
Latin
Waltz
Rumba
Beguine
Specials
One Touch
Rotor slow/fast
Acc Options
Accompaniment Controls
ACC On
Auto Bass
Intro 1
Intro 2
Var A
Var B
Var C
Var D
Break
Ending 1
Ending 2
Start/Stop
Sync.Start

The controls for the automatic accompaniment are situated in the left control panel.

6.6.1. Factory Styles Selection

The selection of accompaniments (=Accompaniments /Rhythms/Styles) is shared by 12 buttons according to the nature of the ryhthm and Style.

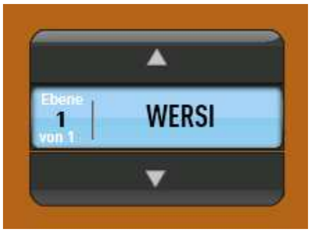

Beat
Pop/Rock

- When you **press** one of the buttons, you change the display of options for that ryhthm style on the screen
- Beat ➔ the upper LED lights
  press again
- Pop/Rock ➔ the lower LED lights

- **Tapping the button again** switches you back to the previous options.

When you press an accompaniment in the selection on the display, it automatically appears on the screen display and plays.

With some of these rhythm buttons there are further variations available on the next level (currently, for example, all "Organ Styles".


Ebene
1
von 1
WERSI

You can select these other levels on the screen with the arrows ▲ / ▼

- Tapping the lower arrow ▼ increases the lower level number, tapping the upper arrow ▲ decreases it.
- ❖ Press the required Acc button, e.g. Showtime (Button has to be pressed twice) ➔ the lower LED lights
- ❖ Now press the down arrow ▼ below the WERSI button.

➔ A new selection now appears, here for example, the accompaniment: *"Organ Showtime"*.

6.6.2. Setting the Tempo

The tempo of the selected accompaniment is set by this button in **BPM** = ***B****eats* ***P****er* ***M****inute*.

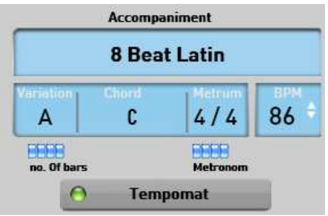
e.g.: Standard dance tempo for the Vienna Waltz = 60 bars per minute
➔ 60 x 3 beats (per waltz bar) = 180 BPM

- ❖ Short tap on the button: ➔ change by a value of 1 (left: -1; right: +1)
- ❖ Press and hold the button: ➔ counter moves swiftly for a faster change
- ❖ Press both buttons simultaniously: ➔ back to the rhythm unit setting

The Tempo/Data Buttons on the control panel can be used at other times for greater value changes e.g. in the *Controls* menu among others (See Chapter 10.2)

6.6.3. Tempo-Automat (Tempomat)

Every Style has been pre-allocated an 'ideal' tempo, taking into account several things including the standard tempi for dance music.


Accompaniment
8 Beat Latin
Variation A
Chord C
Metrum 4 / 4
BPM 86

This tempo is automatically selected when the Tempomat function has been switched on in the display.
➔ small, green lamp lights.

- ❖ Tapping the Tempomat button switches the function on or off.

6.6.4. Tap-Tempo

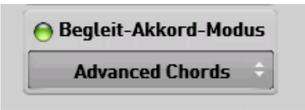
With this function you can preset the desired tempo by tapping the button, so that the accompaniment starts automatically with that 'tapped' tempo.

- ❖ First press the Sync. Start button ➔ the LED in the button lights
- ❖ Now tap the Start/Stop button several times - as evenly as possible**!** - in the desired tempo(4/4- time = 4 times; 3/4- time = 3 times)

➔ the accompaniment now starts immediately (on the next 1st beat of the bar) with the tempo which you tapped.

6.6.5. Selecting Accompaniment Chord Mode

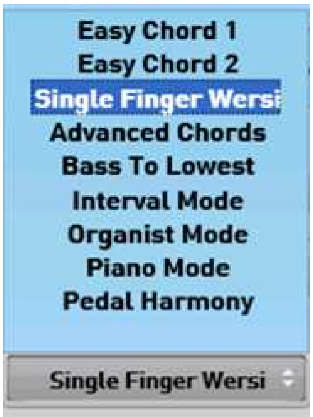
The keyboard offers several ways of controling the auto-accompaniment.



Begleit-Akkord-Modus

Advanced Chords

Procedure:


Easy Chord 1
Easy Chord 2
Single Finger Wersi
Advanced Chords
Bass To Lowest
Interval Mode
Organist Mode
Piano Mode
Pedal Harmony
Single Finger Wersi

To set the required Accompaniment Chord mode:

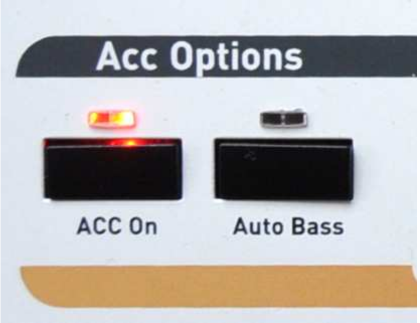
- Tap in the drop-down list box (with the 2 small arrows)
  ➔ a selection list now opens
- Tap to choose from the list the required Accompaniment Chord mode
  ➔ The selection now has a blue background
  ➔ the selected mode now appears below
- Tap here to close the selection list

There is a **list and detailed description** of all the available accompaniment Chord modes in Chapter 18.7: "Chord Accompaniment Modes"– starting at page 121.

6.6.6. Acc Options

[*Acc = Accompaniment*]

You can switch the following functions with these buttons:


Acc Options
ACC On
Auto Bass

- ACC On LED on.
  Tapping the button switches off the accompaniment.
  (except drums) = LED off

- Auto Bass = On = LED on
  = When a single note or chord is played on the lower manual **with the automatic accompaniment not playing** a bass note is produced and played.

6.6.7. MIDI Sequence Selection

[*MIDI* = ***M**usical **I**nstrument **D**igital **I**nterface* = Standard for connecting digital musical instruments and computer]

A MIDI sequence is the digital storage of a piece of music in note and programme values with up to 16 tracks.

MIDI sequences (Files) (**WERSI**= factory MIDI files and **User** = your own MIDI files) are selected with the MIDI button.

You can switch between levels using the arrow ▲ / ▼ buttons in the WERSI/USER button.

The available MIDI sequences are now shown in the display and selected by tapping.

- Use the Start/Stop button to start and stop your MIDI sequences.
- The MIDI sequence stops automatically when it reaches the end.
- You can use the Start/Stop button to pause playback
- Press the Sync.Start button to swith the MIDI sequence back to its beginning.

There is a list of all the available MIDI sequences in Chapter 18.4.2 on page 118.

6.6.8. Audio Selection

[MP3 = Standard for audio files, which are reduced to about 10% of their original file size by a special compression process (with very little loss of quality).

You can load audio files (pieces of music in MP3 or wave format) with the Audio button.

After tapping the Audio button the available audio files

- are shown in the display
- selected by tapping
- and then started and stopped with the Start/Stop button.

You can move through the levels using the arrow buttons ▲ / ▼ in the WERSI/USER button.

There is a list of all the available audio and MP3 files in Chapter 18.4.3 on page 118.

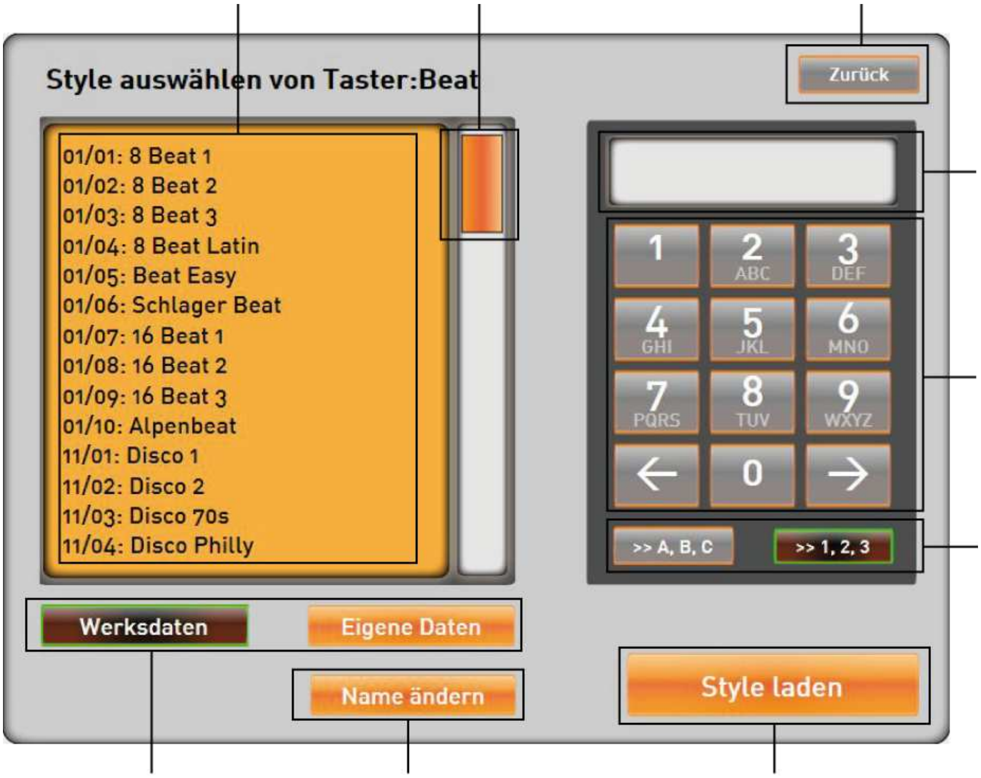
6.6.9. Overview of all Stored Styles, MIDI Sequences and Audio Files

Press one style or MIDI button and the display shows you a list of all Styles, MIDI sequences and audio files stored on the corresponding control panel buttons. Hold the required Style button or MIDI or AUDIO button down for 3 seconds. The overview appears in the display. Here, for example, the Beat Style button.

Display of Files for the selected button

Scroll bar for moving through the list

Back to Main Display



Style auswählen von Taster:Beat

01/01: 8 Beat 1
01/02: 8 Beat 2
01/03: 8 Beat 3
01/04: 8 Beat Latin
01/05: Beat Easy
01/06: Schlager Beat
01/07: 16 Beat 1
01/08: 16 Beat 2
01/09: 16 Beat 3
01/10: Alpenbeat
11/01: Disco 1
11/02: Disco 2
11/03: Disco 70s
11/04: Disco Philly

Zurück
1
2 ABC
3 DEF
4 GHI
5 JKL
6 MNO
7 PQRS
8 TUV
9 WXYZ
←
0
→
>> A, B, C
>> 1, 2, 3
Werksdaten
Eigene Daten
Name ändern
Style laden

Display showing selected level or number

Input for level number or letter (with the alphabetic display)

Switching between numeric and alphabetic display

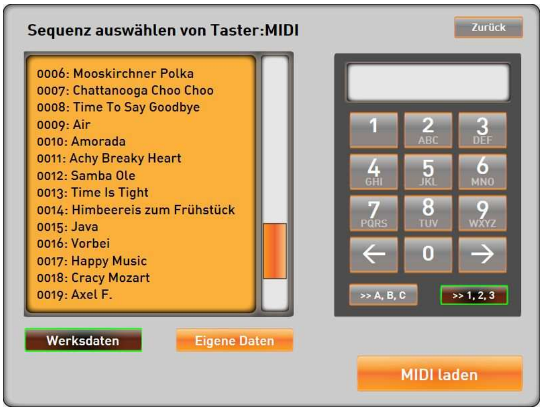
Switching between factory and user data

Only appears for user data

Load the required file Label switches between Load Style, MIDI and audio

ⓘ About Styles: Since, in the case of Styles, there are two Style groups allocated to each control panel button for Factory Data (here Beat and Pop/Rock), the level numbering starts with 1 for Beat and 11 for Pop/Rock. For User Data there are 10 levels per control panel button with no splitting into two Style groups.

ⓘ About MIDI and Audio: with MIDI and AUDIO each button can be allocated 100 files, listed in numerical order without reference to levels.

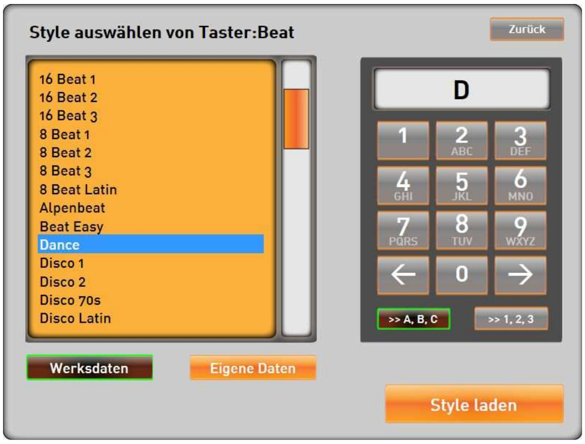


Sequenz auswählen von Taster:MIDI

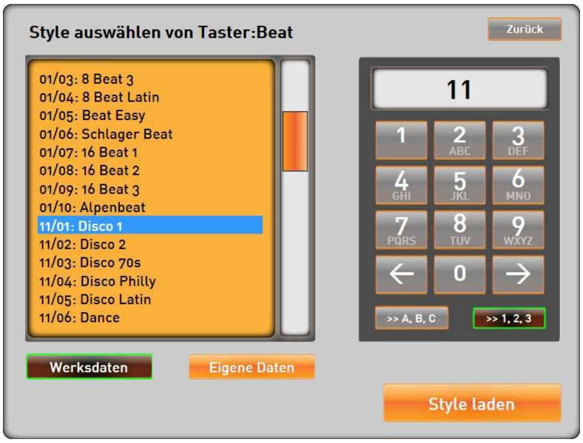
0006: Mooskirchner Polka
0007: Chattanooga Choo Choo
0008: Time To Say Goodbye
0009: Air
0010: Amorada
0011: Achy Breaky Heart
0012: Samba Ole
0013: Time Is Tight
0014: Himbeereis zum Frühstück
0015: Java
0016: Vorbei
0017: Happy Music
0018: Cracy Mozart
0019: Axel F.

Zurück
1
2 ABC
3 DEF
4 GHI
5 JKL
6 MNO
7 PQRS
8 TUV
9 WXYZ
←
0
→
>> A, B, C
>> 1, 2, 3
Werksdaten
Eigene Daten
MIDI laden

Further Examples:


Style auswählen von Taster:Beat
Zurück
16 Beat 1
16 Beat 2
16 Beat 3
8 Beat 1
8 Beat 2
8 Beat 3
8 Beat Latin
Alpenbeat
Beat Easy
Dance
Disco 1
Disco 2
Disco 70s
Disco Latin
D
1
2 ABC
3 DEF
4 GHI
5 JKL
6 MNO
7 PQRS
8 TUV
9 WXYZ
0
>> A, B, C
>> 1, 2, 3
Werksdaten
Eigene Daten
Style laden

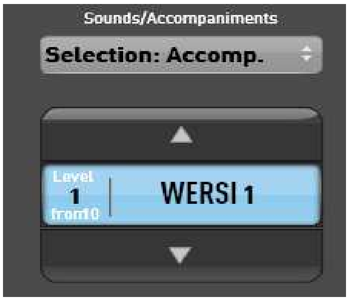
Alphabetic display for the letter D

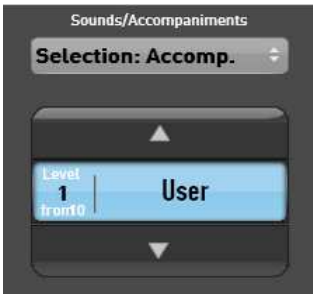

Style auswählen von Taster:Beat
Zurück
01/03: 8 Beat 3
01/04: 8 Beat Latin
01/05: Beat Easy
01/06: Schlager Beat
01/07: 16 Beat 1
01/08: 16 Beat 2
01/09: 16 Beat 3
01/10: Alpenbeat
11/01: Disco 1
11/02: Disco 2
11/03: Disco 70s
11/04: Disco Philly
11/05: Disco Latin
11/06: Dance
11
1
2 ABC
3 DEF
4 GHI
5 JKL
6 MNO
7 PQRS
8 TUV
9 WXYZ
0
>> A, B, C
>> 1, 2, 3
Werksdaten
Eigene Daten
Style laden

Numeric display for level 11

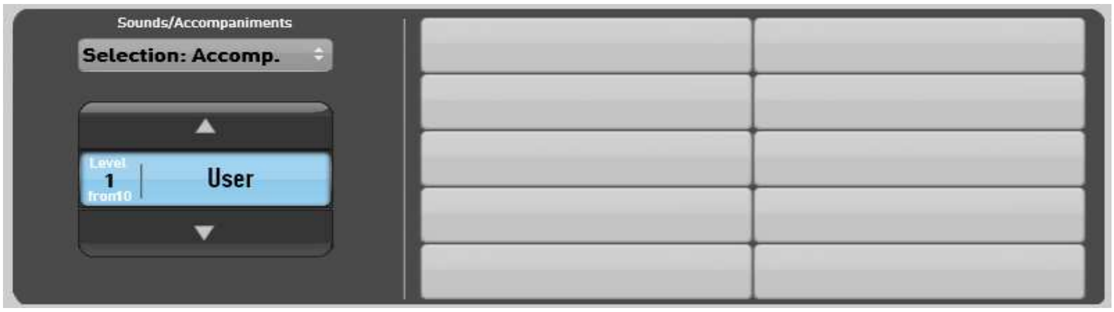
6.6.10. Switching between WERSI Factory and USER Accompaniments

To switch between the stored Styles, MIDI sequences and audio files from **WERSI-(=W=Werks)** to your own **USER** Styles, MIDI sequences and audio files


Sounds/Accompaniments
Selection: Accomp.
Level
1
from10
WERSI 1


Sounds/Accompaniments
Selection: Accomp.
Level
1
from10
User

Press the blue field in the display
WERSI <> USER

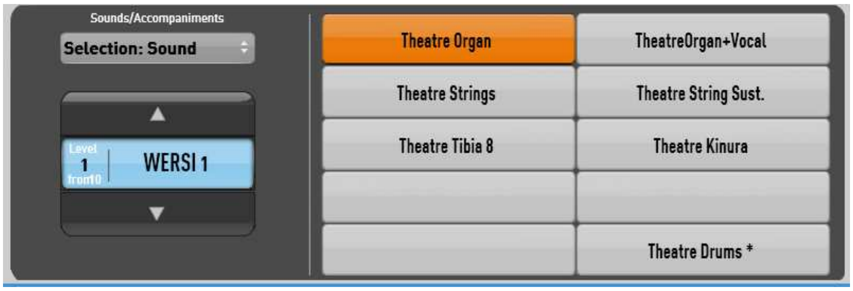

Sounds/Accompaniments
Selection: Accomp.
Level
1
from10
User

ⓘ Please first select one of the Style buttons or the MIDI or AUDIO button, so that you can switch between the factory data and you own. Alternatively, you can use the Sounds/Accompaniments button.

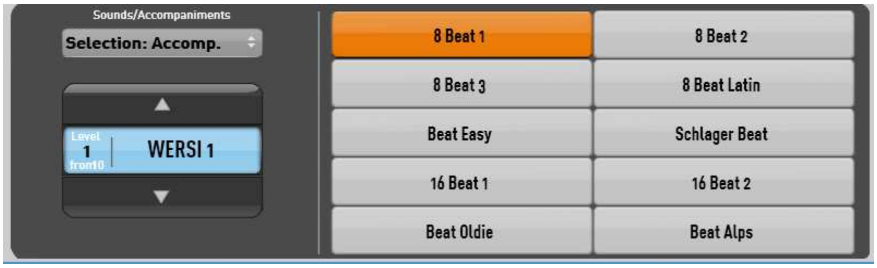
6.6.11. Switching in the Display between Sounds and Accompaniments

You can use the Sounds/Accompaniments button in order to switch the display on the screen between sounds and accompaniments.

Changing the display of sounds to the chosen display of sounds


Sounds/Accompaniments
Selection: Sound
Level
1
from10
WERSI 1
Theatre Organ
TheatreOrgan+Vocal
Theatre Strings
Theatre String Sust.
Theatre Tibia 8
Theatre Kinura
Theatre Drums *

Changing the display of sounds to the chosen display of accompaniments

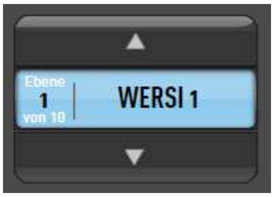

Sounds/Accompaniments
Selection: Accomp.
Level
1
from10
WERSI 1
8 Beat 1
8 Beat 2
8 Beat 3
8 Beat Latin
Beat Easy
Schlager Beat
16 Beat 1
16 Beat 2
Beat Oldie
Beat Alps

6.7. Selecting Sound Packs

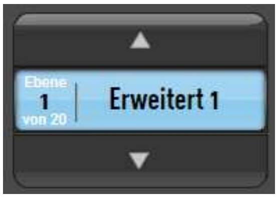
After you have bought and activated a Sound Pack, you can use the new sounds in Upper 1/2, and Lower 1/2. The new sounds are located in the extended levels under the relevant sound buttons. You can choose for each playing area whether to switch to a sound from one of these additional sound packs from an “extended” level.

Example: Sound Pack Grand Piano

Hold down the Piano sound button for Upper 1/2, or Lower 1/2 for 3 seconds. The level selection display changes from



to



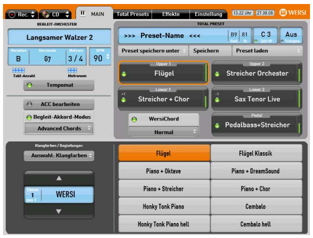
The first 10 sounds of the sound pack now appear in the display. You can switch between levels usng the ▲ / ▼ arrow buttons.

ⓘ You can save sounds from the sound pack in a total preset, so that you can switch back to the ‘normal’ levels. The sounds are selected by the total presets, although the latter are not in the extended levels.

You can switch back to the ‘normal’ factory sounds by holding down any sound button in the target playing area Upper 1/2, or Lower 1/2.

ⓘ You can find out in Chapter 12.3.4, “Activating Extensions”, how the extensions are activated. See also 5.5 “Additional Extensions”.

7. Saving User TOTAL PRESETS


Rec.
CD
MAIN
Total Presets
Effekte
Einstellung
13:22 Uhr
27.08.08
WERSI
BEGLEIT-ORCHESTER
Langsamer Walzer 2
Variation B
Harmonie G7
Metrum 3 / 4
BPM 90
Takt-Anzahl
Metronom
Tempomat
ACC bearbeiten
Begleit-Akkord-Modus
Advanced Chords
TOTAL PRESET
>>> Preset-Name <<<
B9 81
C 3
Aus
Preset speichern unter
Speichern
Preset laden
Upper 1 Flügel
Upper 2 Streicher Orchester
Lower 1 Streicher + Chor
Lower 2 Sax Tenor Live
WersiChord
Normal
Pedal Pedalbass+Streicher
Klangfarben / Begleitungen
Auswahl: Klangfarben
Ebene 1 von 1 WERSI
Flügel
Flügel Klassik
Piano + Oktave
Piano + DreamSound
Piano + Streicher
Piano + Chor
Honky Tonk Piano
Cembalo
Honky Tonk Piano hell
Cembalo hell

You can now safely and permanently save all the settings so far undertaken as a new USER **Total Preset** to be later recalled for your music making with a minimum of button pressing.

7.1. Check List for USER Total Presets

The following list might help to indicate whether you have thought of all the settings' possibilities. Of course, not all the possible functions have to be specially set or changed!

7.1.1. Sound/Instruments

- Sounds selected for the manuals and optional pedals
- Separate playing areas switched On/Off.
- Volume and octave positions set in all active areas
- Controls settings such as dynamics, reverberation intensity, panorama etc.

All these settings are described in Chapter 10:"Controls" – starting at page 53

- WersiChord Type setting and activation
- Split point setting and activation of the split function
- Transposer setting
- Your drawbar sounds set with the control panel buttons in the Drawbars section and the drawbar settings. See also 6.5 Drawbars.

7.1.2. Accompaniment

- Accompaniment/Styles selected
- Tempo and/or Tempomat activated
- Required Accompaniment Chord mode selected
- StartVariation or Intro Start and/or Synchron Start
- Volumes and/or muting of accompaniment tracks
- Acc On/Off, Auto Bass, Auto Break, Auto Fill, Auto Variation

7.1.3. Effects

- Reverberation type for manuals and pedals
- Overall sound

All these settings are described in Chapter 9: "Effects" - starting at page 51

7.1.4. Other Settings

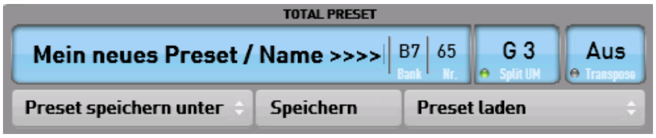
- Swell pedal setting (Acc Volumes)
- Footswitch functions for LEFT + RIGHT and for the 5 other foot buttons of the optional foot switch board

  All these settings are described in Chapter 12.1.5 "Swell Pedal and Accompaniment" - starting at page 63.

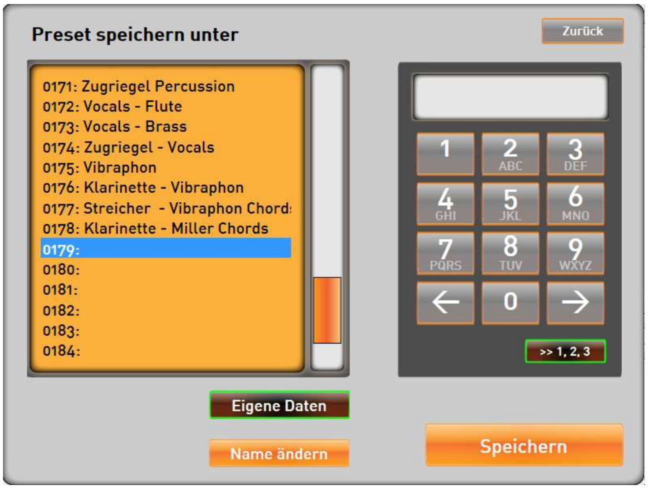
Of course, you can also save a WERSI(=W=Werks) Total Preset – **modified by you** – as a new USER(=B)/User Total Preset!

7.2. Saving Procedure

7.2.1. Saving New USER Total Presets

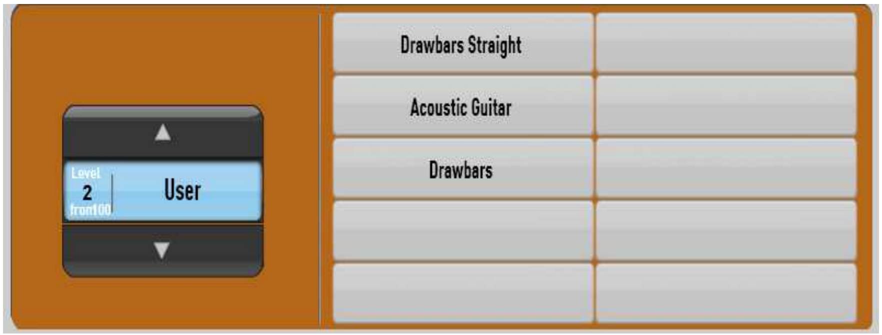

TOTAL PRESET
Mein neues Preset / Name >>>>
B7 Bank
65 Nr.
G 3 Split UM
Aus Transpose
Preset speichern unter
Speichern
Preset laden

1. Tap the Save Preset button in the display.
2. The lower section of the display and the USER control panel button in the total presets section flash. If you do not want to change the name of the total preset, go straight to number 7.


Preset speichern unter
Zurück
1
2 ABC
3 DEF
4 GHI
5 JKL
6 MNO
7 PQRS
8 TUV
9 WXYZ
←
0
→
>> 1, 2, 3
Eigene Daten
Name ändern
Speichern

0171: Zugriegel Percussion
0172: Vocals - Flute
0173: Vocals - Brass
0174: Zugriegel - Vocals
0175: Vibraphon
0176: Klarinette - Vibraphon
0177: Streicher - Vibraphon Chord:
0178: Klarinette - Miller Chords
0179:
0180:
0181:
0182:
0183:
0184:

3. If you press the control panel button USER in the total presets section, a complete list of all the total presets already saved appears and the first free storage place is selected.
4. Select the Change Name button in the display.
5. Use the keyboard to input the name of the total preset and confirm by tapping Enter. Tips about the 'virtual' typewriter can be found in Chapter 16.
6. Now choose a storage place in the list and confirm with Save or, by tapping the control panel User button again, return to the banks' display.
7. Using the arrow buttons ▼ ▲ in the display, select to which user level you want to save the total preset.


▲
Level
2
from100
User
▼
Drawbars Straight
Acoustic Guitar
Drawbars

8. Now press the storage place you want in the display and the total preset is saved in the instrument.

ⓘ **If you select a storage place already occupied, the USER total preset already there is overwritten and lost!**

ⓘ **You can cancel the saving process by tapping the Back button in the Save Preset in display. You may have to press the User button first.**

7.2.2. Changing the Name of a USER Total Preset

It is possible that you may want to change the name of an already existing USER total preset First select the total preset.

First press the Save Preset as... button in the display and then the control panel button User.

➔ the *Save menu* appears. Press Change Name in the display and input a new name for your total preset.

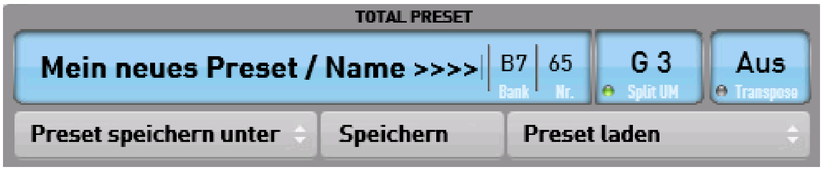
Confirm the new name with Enter and save by tapping Save.

➔ the total preset is saved in the same place – **without asking for any further confirmation**

7.2.3. Saving a Modified Total Preset

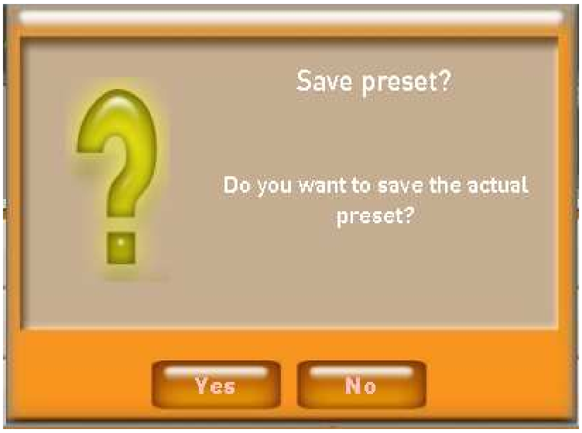
You can, of course, save an existing USER total preset in a changed/improved form **with the same name in the same place**.

The saving procedure for this is slightly different - and shorter!


TOTAL PRESET
Mein neues Preset / Name >>>>
B7
Bank
65
Nr.
G 3
Split UM
Aus
Transpose
Preset speichern unter
Speichern
Preset laden

Press the Save button in the display.

➔ You are asked if you would like to save the active total preset.


Save preset?

Do you want to save the actual preset?

Confirm with Yes and the total preset is stored in the same place. If you press No the process is cancelled.

If you chose Yes, a confirmation box appears: confirm with OK.

7.2.4. Deleting a USER Total Preset

You delete an existing USER total preset in the *Settings* menu.

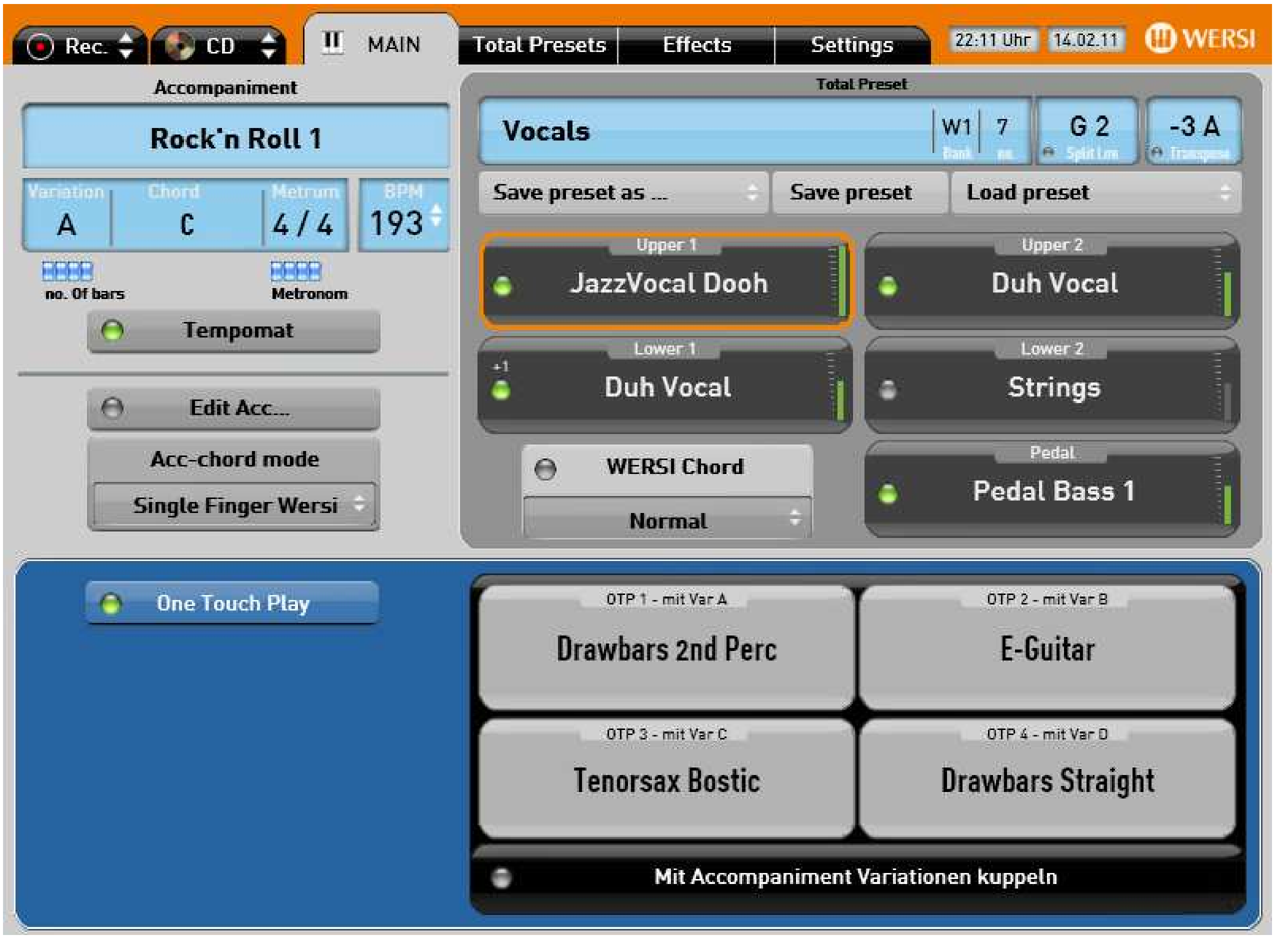
📖 The procedure is described in Chapter 12.2.3: “Deleting Files” – starting at page 75.

8. One Touch Play

The One Touch button is situated in the accompaniment section in the left control panel. You can load four appropriate, factory total presets with this function, so the instrument always provides you with suitable instrumentation for each Style.

ⓘ Please note: this function only applies to factory Styles.

- Select the Style you want and press the One Touch control panel button. The display changes to the following. Four buttons appear, with which you can select the four total presets.


Rec.
CD
MAIN
Total Presets
Effects
Settings
22:11 Uhr
14.02.11
WERSI
Accompaniment
Rock'n Roll 1
Variation A
Chord C
Metrum 4 / 4
BPM 193
no. Of bars
Metronom
Tempomat
Edit Acc...
Acc-chord mode
Single Finger Wersi
Total Preset
Vocals
W1 Bank
7 no.
G 2 Split Line
-3 A Transpose
Save preset as ...
Save preset
Load preset
Upper 1 JazzVocal Dooh
Upper 2 Duh Vocal
Lower 1 +1 Duh Vocal
Lower 2 Strings
WERSI Chord
Normal
Pedal Pedal Bass 1
One Touch Play
OTP 1 - mit Var A Drawbars 2nd Perc
OTP 2 - mit Var B E-Guitar
OTP 3 - mit Var C Tenorsax Bostic
OTP 4 - mit Var D Drawbars Straight
Mit Accompaniment Variationen kuppeln

- With the Link with Accompaniment Variations button, the total presets are linked with the four variations. With Variation A the Total Preset OTP1 (OTP=One touch Play) plays, with Variation B the Total Preset OTP2 and so on.
- You can use the control panel buttons to load a new Style without switching off the One Touch function.
- To switch off One Touch smply press the One Touch Play display button or the One Touch control panel button.

ⓘ WERSIChord is used in One Touch Presets labelled "Chords". Please play these monophon (i.e. with one finger), as chords are automatically added.

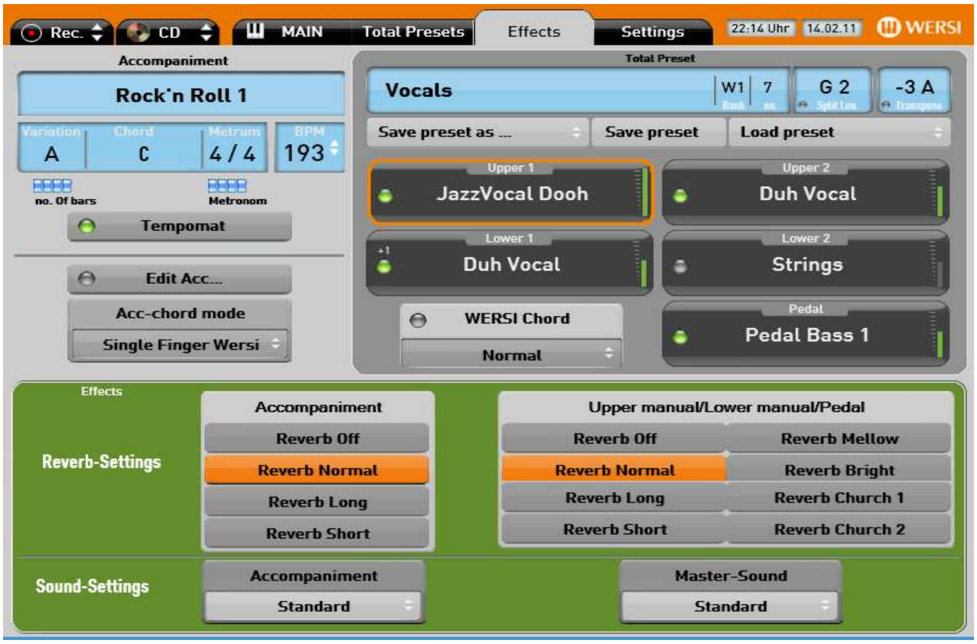
9. Effects

With the Effects setting you can determine whether your music making should have the acoustic of a small bar or a large concert hall.

9.1. Description

You bring up the Effects display by tapping the corresponding button in the screen’s header bar.
➔ the button is enlarged and turns grey

The following opens on the lower part of the screen:


Rec.
CD
MAIN
Total Presets
Effects
Settings
22:14 Uhr
14.02.11
WERSI
Accompaniment
Rock'n Roll 1
Variation A
Chord C
Metrum 4 / 4
BPM 193
no. Of bars
Metronom
Tempomat
Edit Acc...
Acc-chord mode
Single Finger Wersi
Total Preset
Vocals
W1
7
G 2
-3 A
Save preset as ...
Save preset
Load preset
Upper 1 JazzVocal Dooh
Upper 2 Duh Vocal
Lower 1 Duh Vocal
Lower 2 Strings
WERSI Chord
Normal
Pedal Pedal Bass 1
Effects
Reverb-Settings
Accompaniment
Reverb Off
Reverb Normal
Reverb Long
Reverb Short
Upper manual/Lower manual/Pedal
Reverb Off
Reverb Mellow
Reverb Normal
Reverb Bright
Reverb Long
Reverb Church 1
Reverb Short
Reverb Church 2
Sound-Settings
Accompaniment
Standard
Master-Sound
Standard

9.2. Changing Values

Changes to the overall sound can be made through these settings.

9.2.1. Reverberation Settings for Manuals + Pedal

By tapping one of the selection buttons, a reverberation setting can be selected for manuals or pedals or quite independently for the accompaniment.

➔ The selected field and the function activated by it are coloured orange.

- Reverb OFF
- Reverb Normal = normal stereo sound
- Reverb Long = concert hall reverberation
- Reverb Short = small hall reverberation e.g. as in a Jazzclub
- Reverb Mellow = dull reverberation
- Reverb Bright = clearer und more accented reverberation
- Reverb Church 1 = the more sustained reverberation of a normal church
- Reverb Church 2 = the sustained reverberation of a large cathedral

9.2.2. Reverberation Settings for the Accompaniment

In this field you can select a further reverberation setting, one especially suited to the Accompaniment.
➔ The selected field and the function activated by it are coloured orange.

- Reverb Off
- Reverb Normal = normal stereo sound
- Reverb Long = concert hall reverberation
- Reverb Short = small hall reverberation e.g. as in a Jazzclub

9.2.3. Overall Sound Settings

Independently of the settings referred to above, you can also undertake sound settings for the whole instrument.

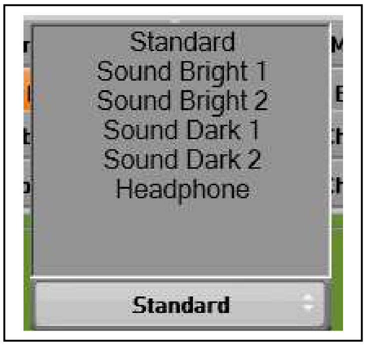
The purpose of these settings is to enable you to make the sound of the instrument suit local conditions, which can vary enormously according to the furnishings and decorations (curtains, carpets or wooden floor etc.).

In addition, this also makes it possible to orientate the overall sound of the instrument towards one that the player likes to hear.

9.2.3.1. Instrument Overall Sound

Select the setting you want in the display:

❖ Press the drop-down list box (with the 2 small arrows)
➔ a selection list now opens
❖ Tap in the list to select the setting you want
➔ the selection now has a blue background
➔ the selected setting appears below
❖ Tap here to close the selection list



- Standard = no change to the basic setting
- Sound Bright 1 = raising the treble ➔ the instrument sounds brighter
- Sound Bright 2 = extreme raising of the treble ➔ the instrument sounds very bright
- Sound Dark 1 = reduction of treble ➔ the instrument sounds mellow
- Sound Dark 2 = extreme reduction of treble ➔ the instrument sounds very mellow
- Headphone

9.2.3.2. Accompaniment Overall Sound

Tap the light grey box under Accompaniment to open another selection list, in which you can tap to select a particular overall setting.

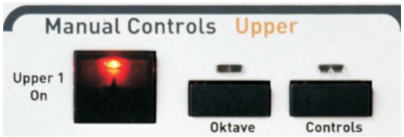
- Standard = no change to the basic setting
- Smooth = the Accompaniment sounds mellower
- Bright = the Accompaniment sounds brighter
- ACC HighVol = the Accompaniment sounds generally louder
- ACC LowVol = the Accompaniment sounds generally quieter

The procedure is identical to that in the “Instrument Overall Sound” section.

10. Controls

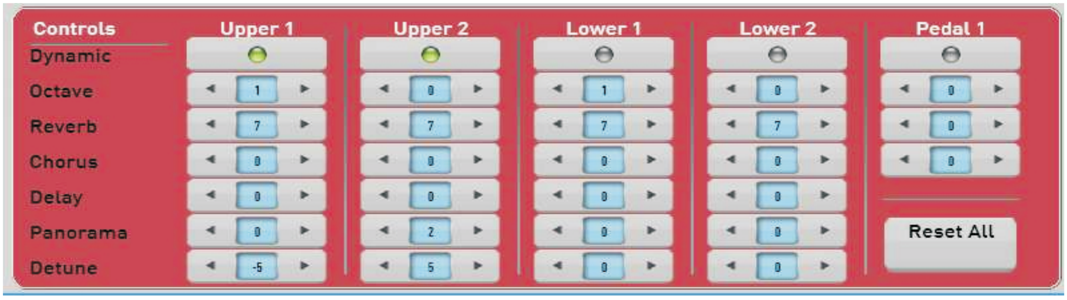
10.1. Description

You can only view the Controls display from the MAIN or Total Presets sections!



You can view this by tapping the Controls button in the right control panel in the *Manual Controls* section.

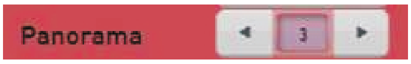
The following now opens in the lower part of the display:



Controls	Upper 1	Upper 2	Lower 1	Lower 2	Pedal 1
Dynamic	●	●	○	○	○
Octave	1	0	1	0	0
Reverb	7	7	7	7	0
Chorus	0	0	0	0	0
Delay	0	0	0	0	
Panorama	0	2	0	0	Reset All
Detune	-5	5	0	0	

10.2. Changing Values

In the individual fields you can adjust the intensity and/or settings separately for each playing area and thus for each sound.



- To change values, tap on one of the left or right arrows ➔ you can see the value changes in the blue boxes.

You can also make changes by tapping the counter box (➔ box darkens) and then by using the Tempo/Data Button on the control panel to input changes. This is useful when making big changes. (See Chapter 6.6.2.)

You can reset all values to their initial values with the Reset All button.

The settings made here are also saved with a total preset.

10.2.1. Dynamic (Touch Sensitivity)

By tapping these boxes you can determine whether a particular playing area is played with or without touch sensitivity.
➔ A lit green lamp indicates that touch sensitivity is activated.

The force with which you strike the keys while playing (more accurately the speed with which you strike the keys) not only affects the volume, but also the Nature of the sound itself to the extent that very different degrees of attack can produce completely different sounds.
(With the Vocal 2 "Mixed Jazz Vocal + Bass" sound, for example, different degrees of attack produce a change of sound from "*Duh*"> "*Bap*".

10.2.2. Octave

[*Octave* = 8 notes e.g. C1 to C2 above]

With this function you can adjust the pitch of individual sounds to their playing area or achieve musically interesting blends of two different sounds.

These buttons are linked with the corresponding Octave buttons on the control panel i.e. input here is automatically applied also by the button in the control panel and indicated by the lit LED.

- Octave = 0 = Original pitch (as played by and stored in the sound)
- Octave = **1** = 1 Octave (= 8 notes) sounding **higher** than played
- Octave = **-1** = 1 Octave sounding **lower** than played

10.2.3. Reverberation

With this function you can determine the reverb intensity to be applied to the reverb currently set in *Effects* for each sound in each of the different playing areas.

- Reverb = 0 = no reverb (used mainly for bass sounds)
- Reverb = 5 = medium reverb
- Reverb = 10 = high reverb

10.2.4. Chorus

[Chorus = floating sound from "voice-doubling"]

0 = no Chorus effect >>> 10 = intensive Chorus effect

10.2.5. Delay (not for pedals)

[delay = "Phrase-Repetition" – often used in electric guitar sounds

0 = no delay effect >>> 10 = intensive delay effect

10.2.6. Panorama (not for pedals)

Shifting the sound in the Stereo Panorama:

-5 = to the far left 0 = stereo centre +5 = to the far right

10.2.7. Detune (not for pedals)

[Detuning in "Cents"; 1 Cent = 1/10 Hz; 1 Herz = 1 (sinus) oscillation per second]

Through inputs (in 1 cent steps up to a maximum of +/- 50 cents) you can make

- small frequency beat changes - e. g.: for 2 accordion sounds or for strings)
  or
- large frequency beat changes - e.g.: for 2 honky-tonk piano sounds)

-50 = detuning down 0 = Original tuning +50 = detuning up

11. Editing Styles/MIDI/Audio

11.1. Editing Styles

Each Style is composed of:

- 1-2 drum tracks
- 1 bass track
- up to 5 accompaniment tracks with different instrumentation, most with the following musical functions:
  - Acc 1 = Chord 1 = Chord
  - Acc 2 = Chord 2 = Chord
  - Acc 3 = Pad = pad
  - Acc 4 = Phrase 1 = melody line with accompaniment inserts
  - Acc 5 = Phrase 2 = melody line with accompaniment inserts

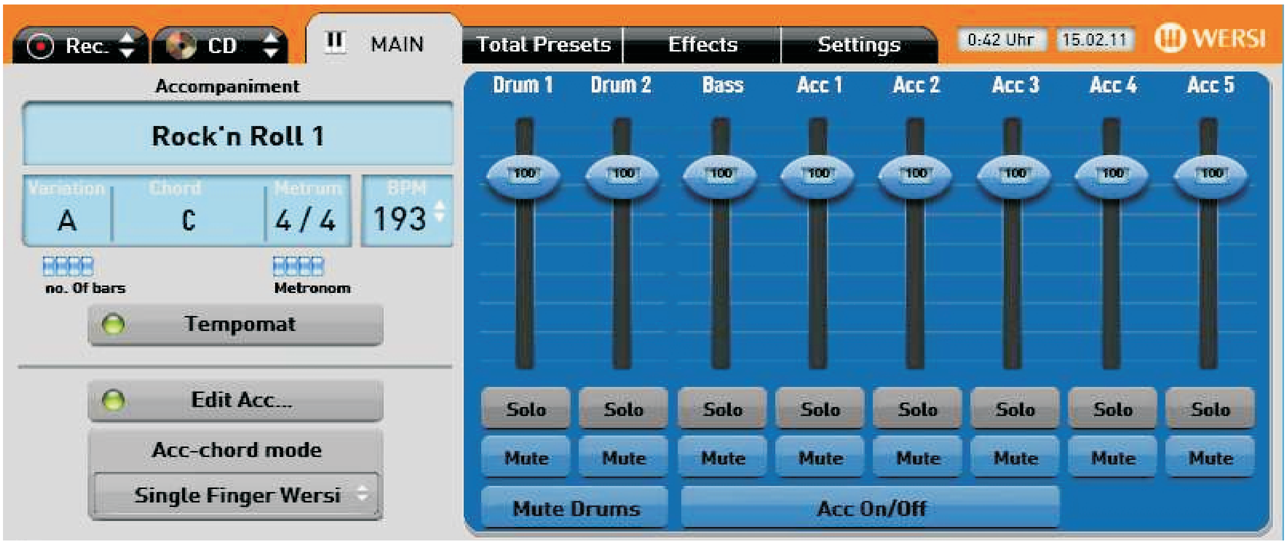
The most imortant properties of accompaniments (Accompaniments/Styles) can be edited through his menu.

Press the Edit Acc.. button to open the menu view with the editor view (only in the upper part of the display) ➔ the green lamp lights.

ⓘ If no Style has been selected, a similar window opens for editing MIDI files.

🛠 All the accompaniment editing explained in what follows, can be saved in a USER total preset.

Accompaniment Track Volumes


Rec.
CD
MAIN
Total Presets
Effects
Settings
0:42 Uhr
15.02.11
WERSI
Accompaniment
no. Of bars
Metronom
Tempomat
Edit Acc...
Acc-chord mode
Single Finger Wersi
Drum 1
Drum 2
Bass
Acc 1
Acc 2
Acc 3
Acc 4
Acc 5
100
Solo
Mute
Mute Drums
Acc On/Off

Rock'n Roll 1
Variation A
Chord C
Metrum 4 / 4
BPM 193

❖ To change the volume of an accompaniment track, all you have to do is press and move the relevant mixing desk slider.

🛠 The change applies to all variations, intros und endings!

Mute/Solo Switching of individual Accompaniment Tracks

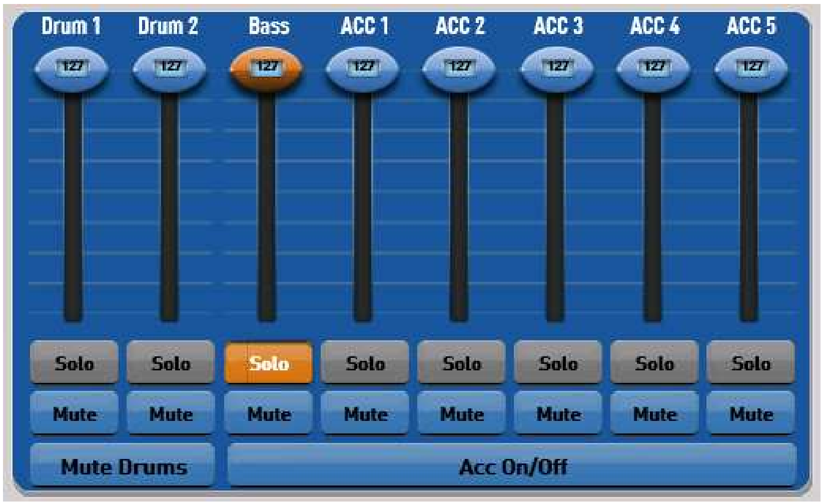
You can switch accompaniment tracks (Acc Tracks) between either

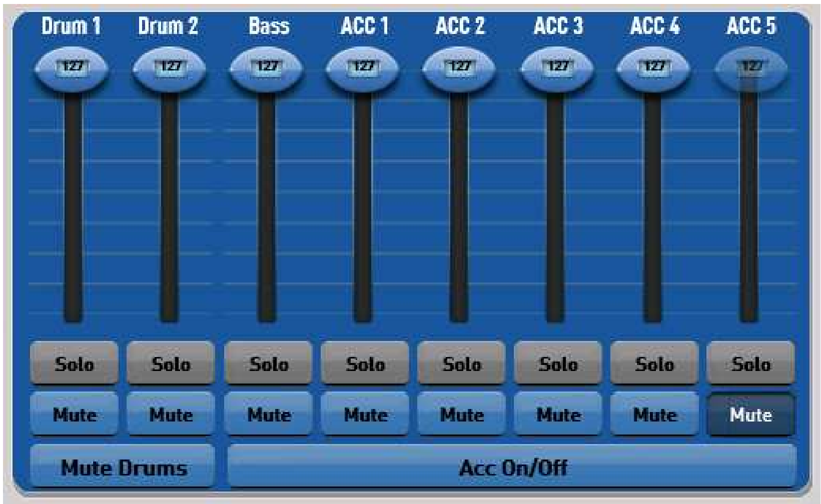
- **Solo** (= heard on its own)
  or
- **Mute** (= silent/switched off)
    - Mute just for individual Acc Tracks
    - Mute for all Acc Tracks Acc On/Off

    - Mute just for individual drum track
    - Mute for both drum tracks Mute Drums

- Solo is intended for one Acc Track only
- Mute is possible for several Acc Tracks simultaniously

❖ Just press the relevant button(s)


Drum 1
Drum 2
Bass
ACC 1
ACC 2
ACC 3
ACC 4
ACC 5
127
Solo
Mute
Mute Drums
Acc On/Off

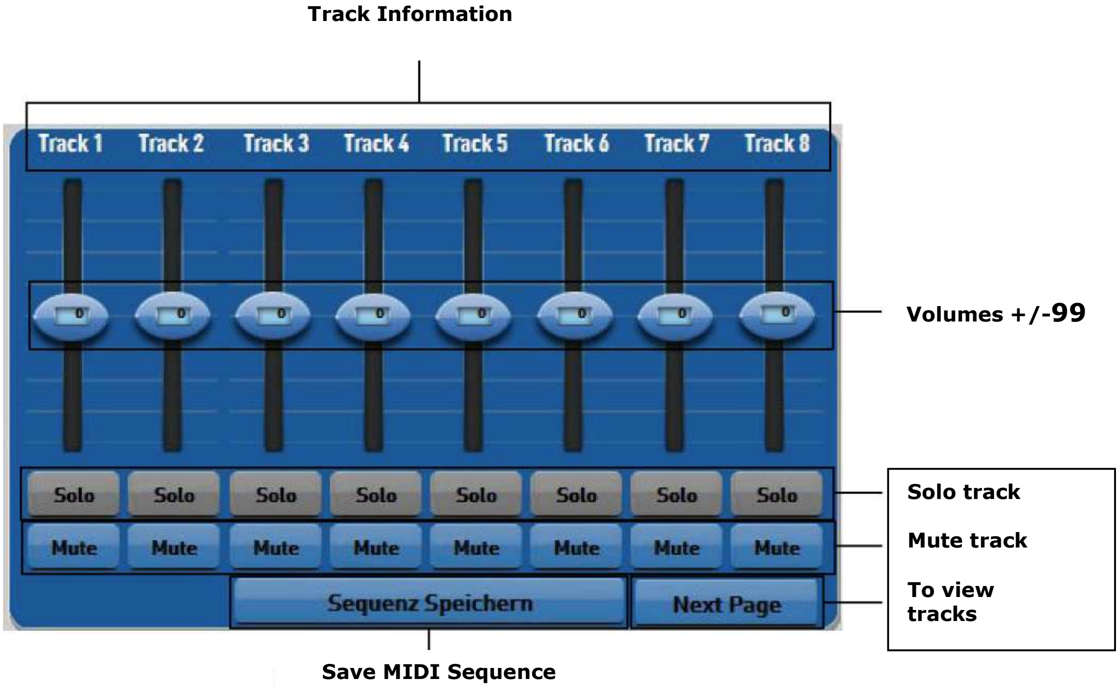

Drum 1
Drum 2
Bass
ACC 1
ACC 2
ACC 3
ACC 4
ACC 5
127
Solo
Mute
Mute Drums
Acc On/Off

11.2. Editing MIDI Files

Each MIDI file is composed of up to 16 tracks. The allocation of tracks (apart from drums on Track 10) is not standardised. You just have to test for yourself with each MIDI file onto which track to put the solo sound or the bass.

MIDI file volumes can be edited with this menu.
Press the Acc Edit button to open the menu view with the editor view (only in the upper part of the display) ➔ the green lamp lights.

ⓘ If no MIDI file has been selected, a similar window opens for editing Styles.


Track Information
Track 1
Track 2
Track 3
Track 4
Track 5
Track 6
Track 7
Track 8
0
0
0
0
0
0
0
0
Volumes +/-99
Solo
Solo
Solo
Solo
Solo
Solo
Solo
Solo
Mute
Mute
Mute
Mute
Mute
Mute
Mute
Mute
Sequenz Speichern
Next Page
Solo track
Mute track
To view tracks
Save MIDI Sequence

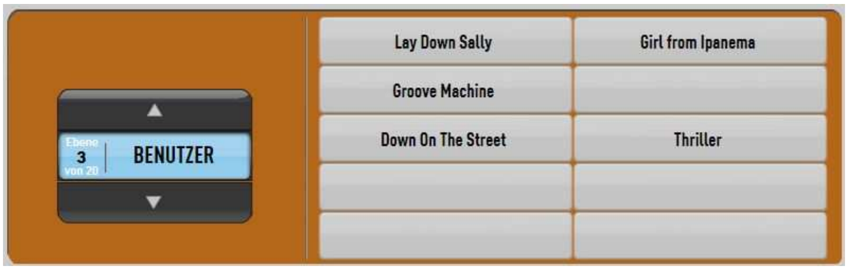
The default adjustment setting for all tracks is set at 0 but can be changed by +/- 99 steps.

In the same way the tracks can be muted and the tempo changed. Volumes, Mute, Solo and Tempo are stored with the sequence.

ⓘ **You may ask why we arranged things this way, although the volumes are set from 0 – 127:** there may be several volume settings in one sequence. This may not be immediately obvious to you, the user. By changing with +/- 99 all volumes are raised or lowered in parallel. However, if one track has already been saved with an internal volume of 100, the track volume only increases by a value of 27, although there is a range of 99 steps.

Press the Save Sequence display button to save the MIDI Sequence.

The lower part of the display and the MIDI control panel button flash. The display indicates the MIDI sequence storage place. Should you want to overwrite the sequence, simply press this storage place again.

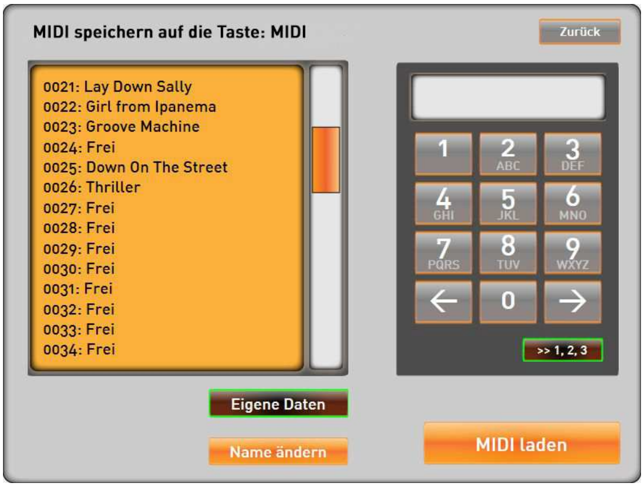

Ebene
3
von 20
BENUTZER
Lay Down Sally
Girl from Ipanema
Groove Machine
Down On The Street
Thriller

If you wish to use a new storage place, use the arrow buttons ▼ ▲ in the display to select in which user level you wish to save the modified MIDI sequence.

Now press the required storage place in the display, the MIDI sequence is saved to the new storage place and confirmation appears on the screen.

Press the OK button to acknowledge.

Tip: If you press the MIDI control panel button again, a complete list of all MIDI sequences already stored, appears. Select a storage position in the list and confirm with Save MIDI. If you already know the storage position you want, you can input the 4 digit number with the numeric keypad: 0089



MIDI speichern auf die Taste: MIDI

0021: Lay Down Sally
0022: Girl from Ipanema
0023: Groove Machine
0024: Frei
0025: Down On The Street
0026: Thriller
0027: Frei
0028: Frei
0029: Frei
0030: Frei
0031: Frei
0032: Frei
0033: Frei
0034: Frei

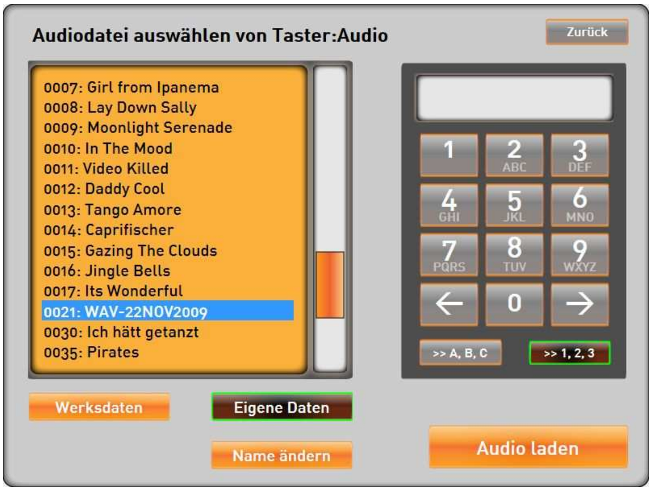
Zurück
1
2 ABC
3 DEF
4 GHI
5 JKL
6 MNO
7 PQRS
8 TUV
9 WXYZ
←
0
→
>> 1, 2, 3
Eigene Daten
Name ändern
MIDI laden

It does not matter whether you load a MIDI sequence directly from the display buttons or from the list: the result is the same.

11.3. Changing Style/MIDI/Audio Names

You can change the names of your own Styles, MIDI sequences and audio files.
It is particularly helpful if you have saved your files with the date and time.

1. Hold down one of the Style buttons or the MIDI or audio button for 3 seconds, depending on which area you want to change a name. This is an example with an audio file.



Audiodatei auswählen von Taster:Audio

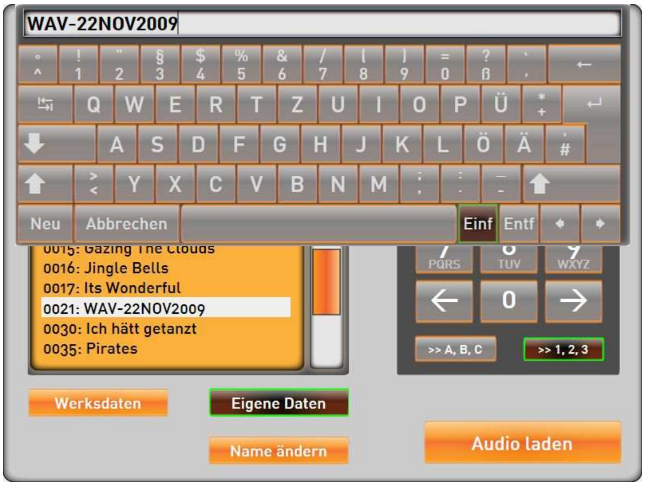
0007: Girl from Ipanema
0008: Lay Down Sally
0009: Moonlight Serenade
0010: In The Mood
0011: Video Killed
0012: Daddy Cool
0013: Tango Amore
0014: Caprifischer
0015: Gazing The Clouds
0016: Jingle Bells
0017: Its Wonderful
0021: WAV-22NOV2009
0030: Ich hätt getanzt
0035: Pirates

Zurück
1
2 ABC
3 DEF
4 GHI
5 JKL
6 MNO
7 PQRS
8 TUV
9 WXYZ
0
>> A, B, C
>> 1, 2, 3
Werksdaten
Eigene Daten
Name ändern
Audio laden

2. Press the "User Files" button.

3. Now search for the name to be changed. You can use either the scroll bar or the numeric keypad.

4. Tap the file and press the Change Name button. The typewriter appears on the screen.



WAV-22NOV2009

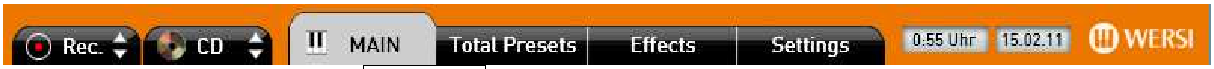
0015: Gazing The Clouds
0016: Jingle Bells
0017: Its Wonderful
0021: WAV-22NOV2009
0030: Ich hätt getanzt
0035: Pirates

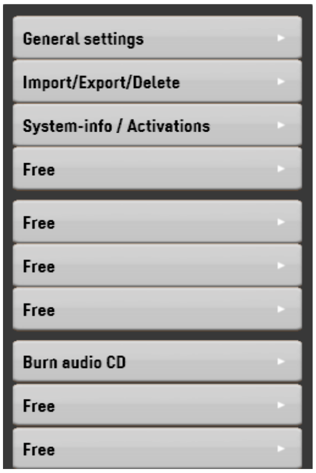
Q W E R T Z U I O P Ü
A S D F G H J K L Ö Ä #
Y X C V B N M
Neu
Abbrechen
Einf
Entf
7 PQRS
8 TUV
9 WXYZ
0
>> A, B, C
>> 1, 2, 3
Werksdaten
Eigene Daten
Name ändern
Audio laden

5. Change the name and confirm with ENTER.

6. You can now change other names or quit with the Back button.

12. Settings


Rec.
CD
MAIN
Total Presets
Effects
Settings
0:55 Uhr
15.02.11
WERSI


General settings
Import/Export/Delete
System-info / Activations
Free
Free
Free
Free
Burn audio CD
Free
Free

Go to Settings by tapping the corresponding button in the header bar of the display ➔ the button is enlarged and turns grey.

You can choose between the following:
- General Settings
- Import/Export/Delete
- System Info/Activations
- Burn Audio CD

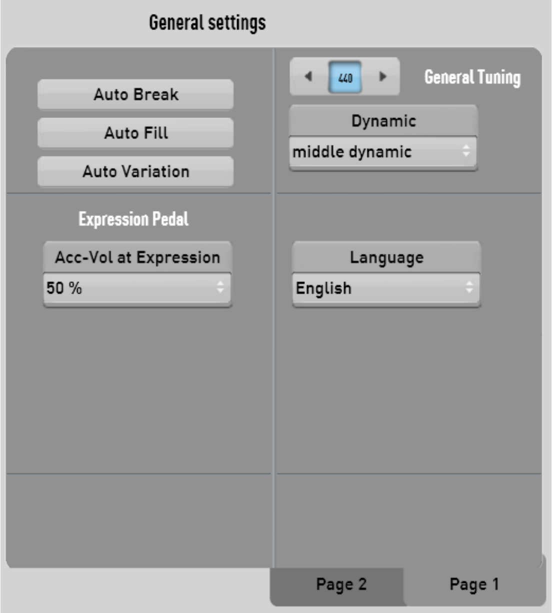
In Settings not all fields are in use. Some are reserved for later xtensions.

You can always leave this page, by selecting, for example, MAIN.

12.1. General Settings

The General Settings page can be reached by tapping the corresponding button on the left side of the screen.
➔ the button is enlarged and assumes a red background.

The following window now opens:


General settings
Auto Break
Auto Fill
Auto Variation
Expression Pedal
General Tuning
Page 2
Page 1

General Tuning: 440

Dynamic: middle dynamic

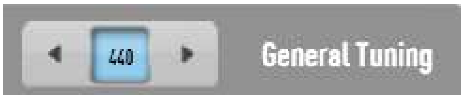
Acc-Vol at Expression: 50 %

Language: English

At the bottom are buttons for switching between two pages.

12.1.1. General Tuning

The instrument is normally tuned to 440 Hz (= oscillations per min) to concert pitch **a.** Changing this setting only makes sense, if you want to play this instrument with others not tuned to 440 Hz.


440
General Tuning

❖ Change this setting – **only when necessary** – with the arrows or by tapping in the counter box and then by changing the value with the Tempo/Data button in the left control panel.

12.1.2. Language

You can chose to see the display in either German or English.

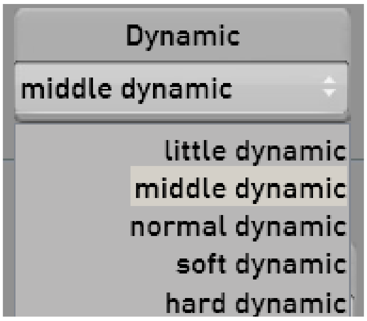
❖ Press the language box (with the 2 arrows)
➔ a selection list now appears
❖ Chose your preferred language
❖ Press again to close the selection list

All pages and labels, sounds and acc names now change to the chosen language!

12.1.3. Dynamic/Keyboard Touch Sensitivity

By changing the Dynamic, the instrument can be adapted to suit individual playing styles, e.g. for former pianists with a heavier touch.

See also the explanation in Chapter 10.2.1 "Dynamic" page 53.


Dynamic
middle dynamic
little dynamic
middle dynamic
normal dynamic
soft dynamic
hard dynamic

❖ Press in the box (with the 2 arrows)
➔ a selection list now appears

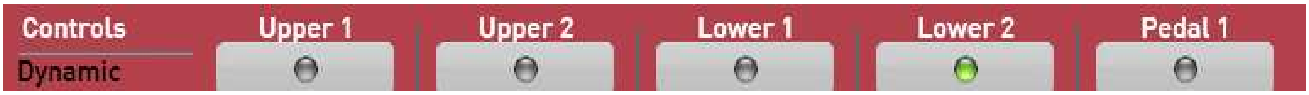
- Select from the list **your preferred** dynamic setting:

    - Little Dynamic
      (= the full dynamic is achieved with a light touch)
    - Middle Dynamic
    - Normal Dynamic
    - Soft Dynamic
    - Hard Dynamic
      (= the full dynamic is achieved only with a heavy touch)

  ➔ the selection assumes a blue background
  ➔ the selected dynamic appears above

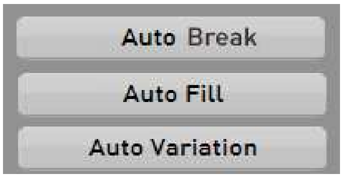
- Tap here to close the list.

🛠 You can only turn off the Touch Sensitivity function completely by tapping the Controls button. The lamp then goes out.



12.1.4. Accompaniment

You can set the accompaniment properties by following the guidelines given here.



Press one of these buttons to set one of the functions for the accompaniment.
➔ the selected box and its function are then activiated and shown in orange.

12.1.4.1. Auto Break

Function on = When you change the Acc Variation a BREAK is inserted, then the newly selected Acc Variation starts

12.1.4.2. Auto Fill

Function on = When you change the Acc Variation the corresponding Fill for that Style is inserted then the newly selected Acc Variation starts.

ⓘ This function does not apply to all factory Styles because they do not all have 4 variation fills.

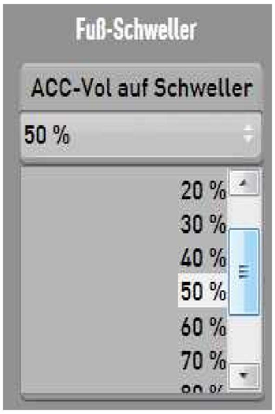
12.1.4.3. Auto Variation

Function on = The next higher numbered Acc Variation is always brought in after a break has been activated.

12.1.5. Expression Pedal and Accompaniment

The swell pedal controls the volume of the whole instrument from virtually nothing to the maximum volume set with the volume slider controls. However, this applies only to the sounds from the manuals: Upper 1+2, Lower 1+2 and a possible pedal board.

As it is not often desirable that the accompaniment should be subject to the same volume control as the sounds from the manuals (this would be unnatural), you can set the relative volume of the accompaniment as a percentage in 10% steps with the Acc Vol at Expression button. The basic setting is at 50%. This means that when you move the swell pedal from 0 to maximum, the accompaniment volume only increases by 50%. When the swell pedal adjusment is at 0, there is therefore some sound remaining.



0% = controls only the sounds
(the accompaniment always stays at the same volume)

50% = moving the expression pedal only reduces the volume of the accompaniment by 50% **(= Standard setting)**

100% = sounds and accompaniment are controlled to the same extent

Only with a setting of 100% is it possible to reduce the accompaniment volume to 0.

To set the required percentage:

- Press the drop-down list box (with the 2 small arrows)
  ➔ a selection list now appears

- Select the required percentage by tapping in the list
- ➔ the selection assumes a dark background

  You can move up or down through the list by simultaniously pressing and pushing on the right scroll bar.

  ➔ The selected percentage appears above.

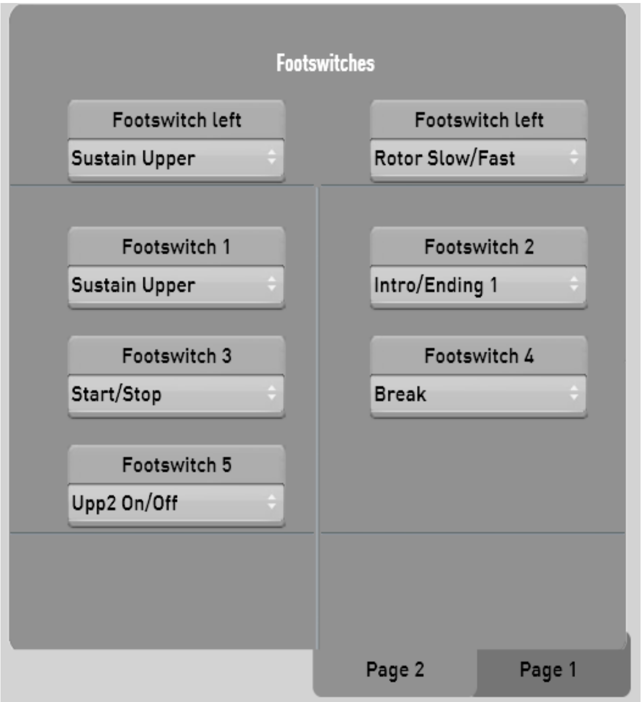
- Press here to close the list.

12.1.6. Foot Switch Functions

There are up to 7 different foot switches for controlling various functions.
Basically you decide between 3 different inputs:

1. Single foot switch input on the back of the instrument
   ➔ corresponds to Foot Switch 1
2. The left and right WERSI expression pedal (optional) foot switches
   ➔ correspond to left and right foot switches
3. The foot switch board with 5 separate foot switches with the WERSI expression pedal referred to above.
   ➔ corresponds to foot switches 1 to 5

The functions available are the same for all switches and can be set as required and according to personal or musical tastes. **They can also be saved in total presets, indeed differently in each of your own presets!**



Footswitches

Footswitch left: Sustain Upper

Footswitch left: Rotor Slow/Fast

Footswitch 1: Sustain Upper

Footswitch 2: Intro/Ending 1

Footswitch 3: Start/Stop

Footswitch 4: Break

Footswitch 5: Upp2 On/Off

- ❖ Go through Settings and then General Settings to page 2.
- ❖ Press the drop-down list box with the 2 small arrows
  ➔ a selection list appears
- ❖ Press on the required function in the list
- ❖ ➔ the selection assumes a dark background

You can move up or down through the list by simultaniously pressing and pushing on the right scroll bar.

➔ The selected percentage is applied.

- ❖ Press the selection where it appears above to close the list.

Foot switch settings must be saved in a total preset.

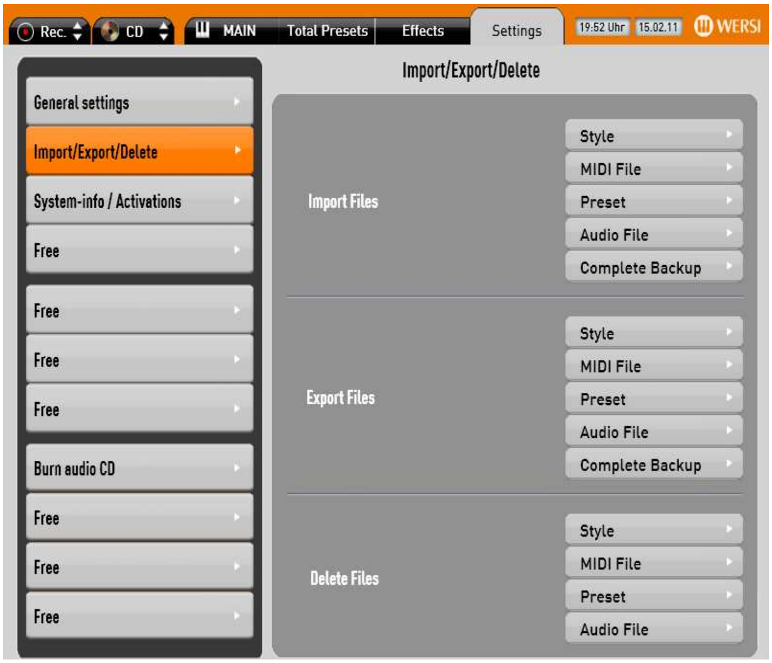
Details of all foot switch functions can be found on the next page.

The Following Foot Switch Functions can be selected (the same for all Foot Switches!):

- **Sustain Upper = Standard LEFT** = longer sustaining or holding of notes played on the upper manual/Upper e.g. for piano or sustained string sounds

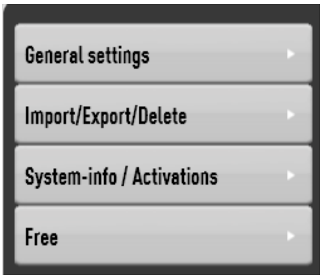
- Sustain Lower = same as upper manual sustain
- Start/Stop = Start/Stop of accompaniments
- Intro/Ending 1 = Start of Intro 1 or of Ending 1 if the accompaniment is playing
- Intro/Ending 2 = Start of Intro 2 or of Ending 2 if the accompaniment is playing
- Break = Start a break on beat 1 of the next bar
- **Rotor Slow/Fast = Standard Right** = switches rotor from fast <> slow
- Preset Up = switches to the numerically next higher total preset
- Preset Down = switches to the numerically next lower total preset
- Transpose up = raises the transpose setting by one semitone
- Transpose down = lowers the transpose setting by one semitone
- Variation Up = accompaniment switches to the numerically next higher variation
- Variation Down = accompaniment switches to the numerically next lower variation
- Hawaii = lowers a note by approximately one whole tone
- Break+Variation Down = starts a break and switches to the numerically next lower variation
- Break+Variation Up = starts a break and switches to the numerically next higher variation
- Upp2 On/Off = switches the sound on upper manual 2 on/off
- WersiChord On/Off = switches the WersiChord funktion on/off

12.2. Import/Export/Delete


Rec.
CD
MAIN
Total Presets
Effects
Settings
19:52 Uhr
15.02.11
WERSI
Import/Export/Delete
General settings
Import/Export/Delete
System-info / Activations
Free
Free
Free
Free
Burn audio CD
Free
Free
Free
Import Files
Style
MIDI File
Preset
Audio File
Complete Backup
Export Files
Style
MIDI File
Preset
Audio File
Complete Backup
Delete Files
Style
MIDI File
Preset
Audio File

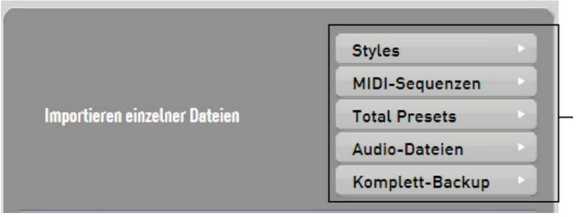
12.2.1. Import Files

With the “Import Files” function you can import Styles, MIDI files, total presets, audio files and complete back-ups into your instrument. Go to Settings by tapping the corresponding button in the header bar of the display ➔ the button is enlarged and turns grey.
Press the Import/Export/Delete button.


General settings
Import/Export/Delete
System-info / Activations
Free

Under “Import Files” select what you want to load into your instrument:

Styles = *.stw, *.sto / *.sty, *.sst, *.prs
MIDI Sequences = *.mid
Total Presets = *.wtp
Audio Files = *.wav; *.mp3
Complete Back-Up = no files, but a complete back-up


Importieren einzelner Dateien
Styles
MIDI-Sequenzen
Total Presets
Audio-Dateien
Komplett-Backup

Selection of
File type

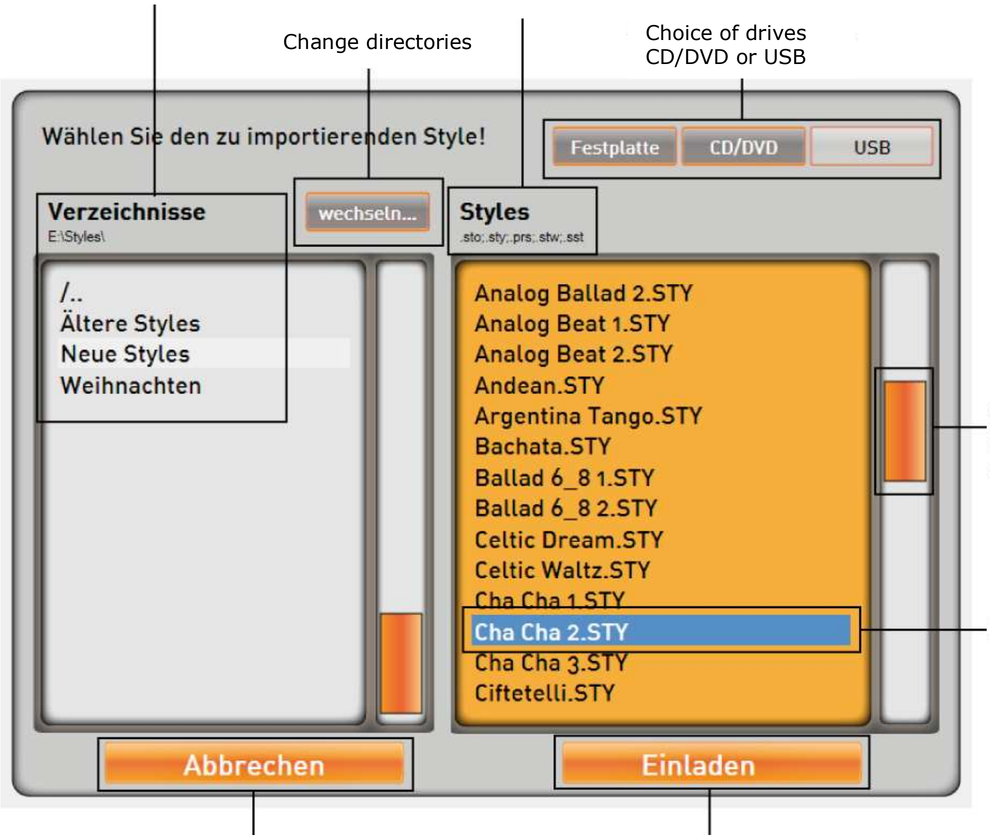
The same window opens irrespective of which type of file you have chosen. You can now select whether you wish to import the file from the internal hard drive, a CD/DVD or from a USB memory stick.

Directories on the medium

Type of file with details of file extensions (.sto or sty or .mid or .mp3)

Change directories

Choice of drives CD/DVD or USB


Wählen Sie den zu importierenden Style!
Festplatte
CD/DVD
USB
Verzeichnisse
E:\Styles\
wechseln...
Styles
.sto;.sty;.prs;.stw;.sst
/..
Ältere Styles
Neue Styles
Weihnachten
Analog Ballad 2.STY
Analog Beat 1.STY
Analog Beat 2.STY
Andean.STY
Argentina Tango.STY
Bachata.STY
Ballad 6_8 1.STY
Ballad 6_8 2.STY
Celtic Dream.STY
Celtic Waltz.STY
Cha Cha 1.STY
Cha Cha 2.STY
Cha Cha 3.STY
Ciftetelli.STY
Abbrechen
Einladen

Scroll bar for moving up and down list

Highlighted file

Cancel

Load Selected File

1. First select the type of medium from which you are loading: the internal hard drive, an already inserted CD/DVD, a USB memory stick or USB external hard drive.
2. Under "Directories" on the left appear the available directories and on the right the files in the main directory on the medium.
3. To open a directory, press the one you want and then the press "Change" (if not highlighted). To leave a directory press "/.." and then "Change".
4. Now find the target file, using the scroll bar if necessary to move through the list.
5. Highlight the target file.

When loading backups only the relevant directory on the left side is highlighted. Backup directories have the following names:
WERSI Backup 2009_11_4_9_49 ➔ This backup was saved on 01.11.2009 at 9.49 a.m..

6. Press the “Load” button.
   If you press “Cancel”, the entire process is stoppped without a file being loaded.

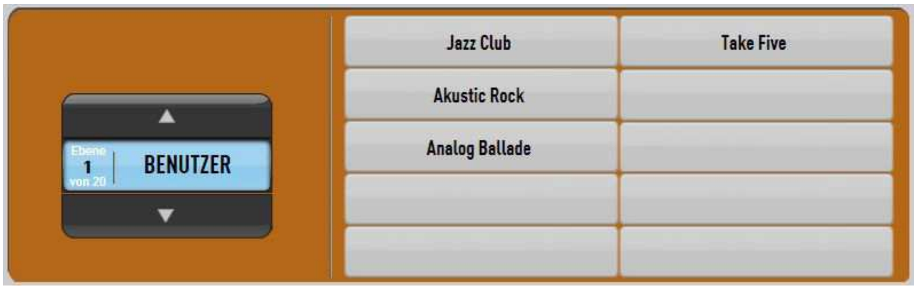
   In the case of backups, loading now begins immediately.
   ALL settings will now be overwritten!!!

7. How you proceed next depends on the type of file you are loading:

- **Styles**

a. The lower part of the display and a control panel button in the Styles section flash. Now select the Style button (Beat/Pop/Rock, Ballad/Slow Rock …) onto which you wish to load the Style. In the case of User Styles there is no double allocation to Style buttons. Both LEDs on the relevant button flash.

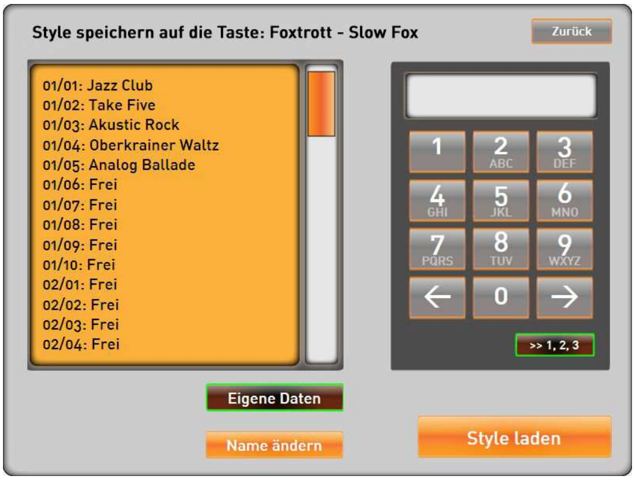
b. Use the arrow buttons ▼ ▲ to select the user level on which you wish to save the Style. There are 10 levels for each Style button. 1200 Styles can be loaded. Storage places already occupied can simply be overwritten.



c. Now select the storage place you want and the Style is saved onto the instrument. A message appears to that effect.

d. Confirm with OK.

Tip: If you press a selected control panel button (button flashes) again, a full list of all Styles already stored on the 10 levels of that button appears. The storage place number shows first the level and then the storage place: e.g 02/06. Chose a storage place in this list and then confirm with Load Style.
Whether you load the Style directly with the display buttons or via the list, the result is the same.

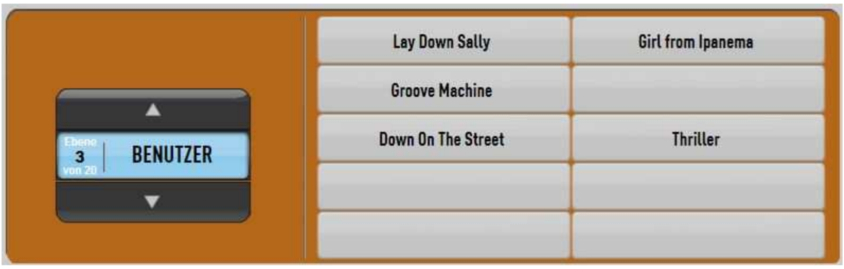

Style speichern auf die Taste: Foxtrott - Slow Fox

01/01: Jazz Club
01/02: Take Five
01/03: Akustic Rock
01/04: Oberkrainer Waltz
01/05: Analog Ballade
01/06: Frei
01/07: Frei
01/08: Frei
01/09: Frei
01/10: Frei
02/01: Frei
02/02: Frei
02/03: Frei
02/04: Frei

- **MIDI Sequences**

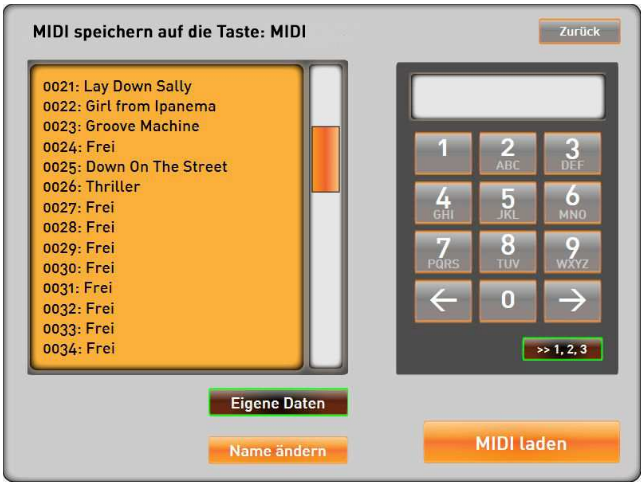
a. The lower section of the display and the MIDI control panel button flash.

b. Use the arrow buttons ▼ ▲ to select the user level on which you wish to save the MIDI sequence. There are 100 levels each with 10 storage places available, which means, of course, that 1000 MIDI sequences can be loaded.


Ebene
3
von 20
BENUTZER
Lay Down Sally
Girl from Ipanema
Groove Machine
Down On The Street
Thriller

c. Now select the storage place you want and the MIDI sequence is saved onto the instrument. A message appears to that effect. Storage places already occupied can simply be overwritten.

d. Confirm with OK.


MIDI speichern auf die Taste: MIDI

0021: Lay Down Sally
0022: Girl from Ipanema
0023: Groove Machine
0024: Frei
0025: Down On The Street
0026: Thriller
0027: Frei
0028: Frei
0029: Frei
0030: Frei
0031: Frei
0032: Frei
0033: Frei
0034: Frei

Zurück
1
2 ABC
3 DEF
4 GHI
5 JKL
6 MNO
7 PQRS
8 TUV
9 WXYZ
←
0
→
>> 1, 2, 3
Eigene Daten
Name ändern
MIDI laden

Tip: If you press the button again, a full list of all MIDI sequences already stored on the 100 levels appears. Chose a storage place in this list and then confirm with Load MIDI.
If you already know the required storage place number, you can input the 4 digit number with the numeric keypad 0027.

The storage place numbers are tied to the 100 levels. A MIDI sequence stored in place number 0089 appears later in level 9 on button 9. The first 3 digits indicate the level number, but you you must always count one number higher, as the levels begin with 1 and not with 0.

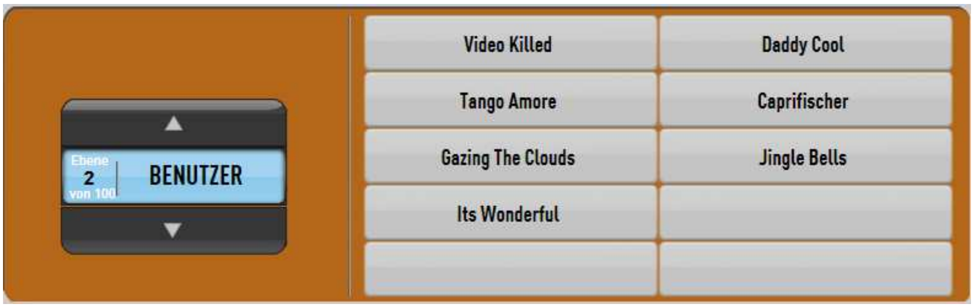
0089= level 9 place 9 0125= level 13 place 5 0992= level 100 place 2

Whether you load the MIDI sequence directly with the display buttons or via the list, the result is the same.

- ## Audio Files

a. The lower section of the display and the AUDIO control panel button flash.

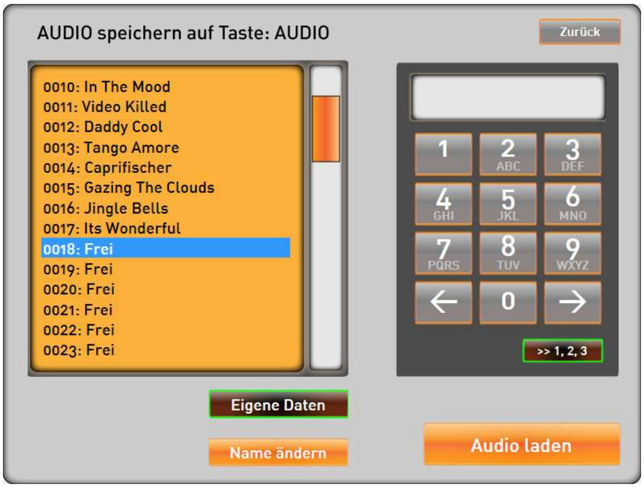
b. Use the arrow buttons ▼ ▲ to select the user level on which you wish to save the AUDIO file. There are 100 levels each with 10 storage places available, which means, of course, that 1000 AUDIO files can be loaded.


▲
Ebene
2
von 100
BENUTZER
▼
Video Killed
Daddy Cool
Tango Amore
Caprifischer
Gazing The Clouds
Jingle Bells
Its Wonderful

c. Now select the storage place you want and the AUDIO file is saved onto the instrument. A message appears to that effect. Storage places already occupied can simply be overwritten.

d. Confirm with OK.

Tip: If you press the button again, a full list of all AUDIO files already stored on the 100 levels appears. Chose a storage place in this list and then confirm with Load Audio.
If you already know the required storage place number, you can input the 4 digit number with the numeric keypad 0018.


AUDIO speichern auf Taste: AUDIO

0010: In The Mood
0011: Video Killed
0012: Daddy Cool
0013: Tango Amore
0014: Caprifischer
0015: Gazing The Clouds
0016: Jingle Bells
0017: Its Wonderful
0018: Frei
0019: Frei
0020: Frei
0021: Frei
0022: Frei
0023: Frei

Zurück
1
2 ABC
3 DEF
4 GHI
5 JKL
6 MNO
7 PQRS
8 TUV
9 WXYZ
←
0
→
>> 1, 2, 3
Eigene Daten
Name ändern
Audio laden

The storage place numbers are tied to the 100 levels. An Audio file stored in place number 0089 appears later in level 9 on button 9. The first 3 digits indicate the level number, but you you must always count one number higher, as the levels begin with 1 and not with 0.

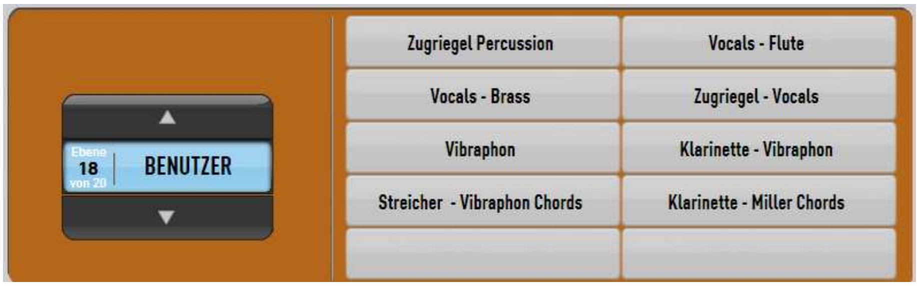
0089= level 9 place 9 0125= level 13 place 5 0992= level 100 place 2

Whether you load the Audio file directly with the display buttons or via the list, the result is the same.

▪ Total Presets

a. The lower section of the display and the USER control panel button flash.

b. Use the arrow buttons ▼ ▲ to select the user level on which you wish to save the total preset. There are 100 levels each with 10 storage places available, which means, of course, that 1000 total prests can be loaded.

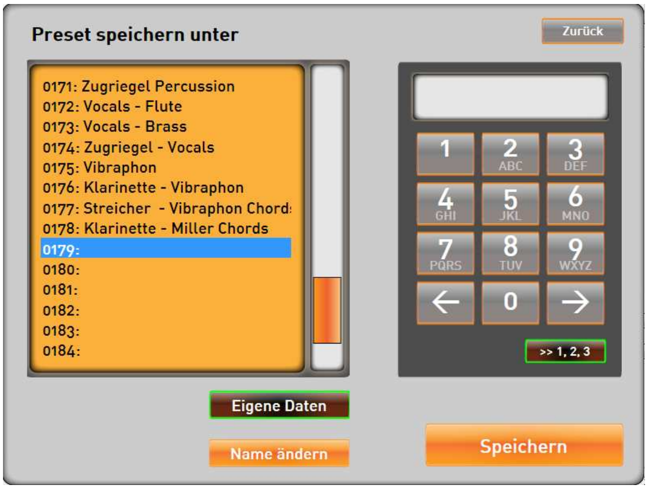

▲
Ebene
18
von 20
BENUTZER
▼
Zugriegel Percussion
Vocals - Flute
Vocals - Brass
Zugriegel - Vocals
Vibraphon
Klarinette - Vibraphon
Streicher - Vibraphon Chords
Klarinette - Miller Chords

c. Now select the storage place you want and the total preset is saved onto the instrument. A message appears to that effect. Storage places already occupied can simply be overwritten.

d. Confirm with OK.

Tip: If you press the User button in the Total Preset section again, a full list of all total presets already stored on the 100 levels appears. Chose a storage place in this list and then confirm with Save.

If you already know the required storage place number, you can input the 4 digit number with the numeric keypad 0179.


Preset speichern unter

0171: Zugriegel Percussion
0172: Vocals - Flute
0173: Vocals - Brass
0174: Zugriegel - Vocals
0175: Vibraphon
0176: Klarinette - Vibraphon
0177: Streicher - Vibraphon Chord:
0178: Klarinette - Miller Chords
0179:
0180:
0181:
0182:
0183:
0184:

Zurück
1
2 ABC
3 DEF
4 GHI
5 JKL
6 MNO
7 PQRS
8 TUV
9 WXYZ
←
0
→
>> 1, 2, 3
Eigene Daten
Name ändern
Speichern

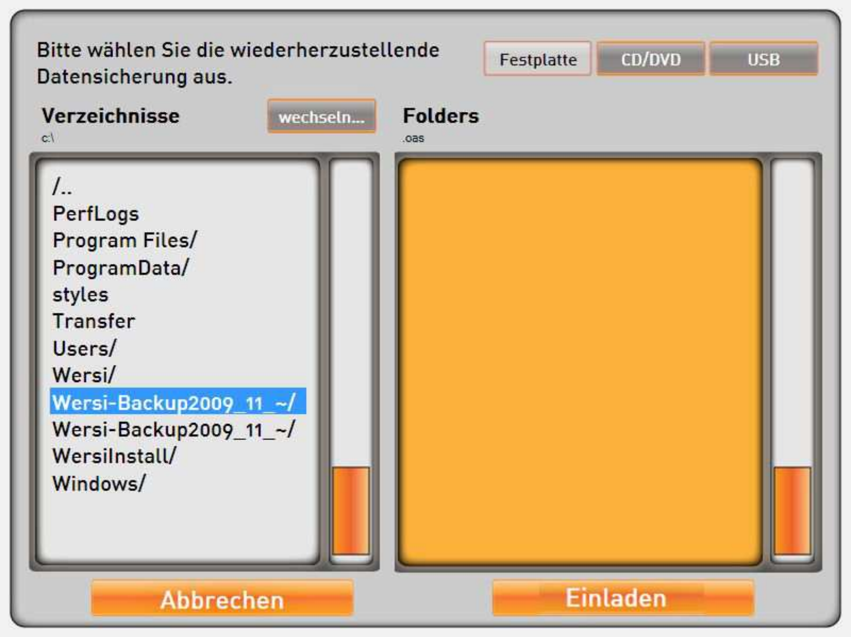
The storage place numbers are tied to the 100 levels. A total preset stored in place number 0089 appears later in level 9 on button 9. The first 3 digits indicate the level number, but you you must always count one number higher, as the levels begin with 1 and not with 0.

0089= level 9 place 9 0125= level 13 place 5 0992= level 100 place 2

Whether you load the total preset directly onto the display buttons or via the list, the result is the same.

- **Backup**

  a. The backup begins to load as soon as you you press “Load”. This can take a few minutes. During this time a rotating WERSI symbol appears on the screen.



Bitte wählen Sie die wiederherzustellende Datensicherung aus.

Festplatte
CD/DVD
USB
Verzeichnisse
c:\
wechseln...
Folders
.oas
/..
PerfLogs
Program Files/
ProgramData/
styles
Transfer
Users/
Wersi/
Wersi-Backup2009_11_~/
Wersi-Backup2009_11_~/
WersiInstall/
Windows/
Abbrechen
Einladen

  b. As soon as the backup is completed, a message appears to that effect. Please confirm with OK.

12.2.2. Export Files

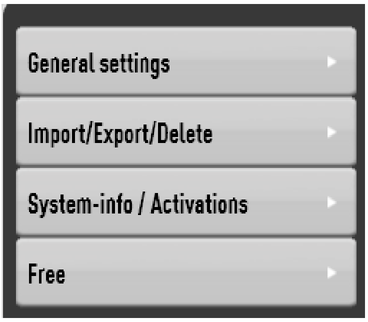
With this function you can export Styles, MIDI files, total presets, audio files and backups from your instrument.

✋ Before you export a Style, MIDI file, audio file or total preset, you must select that item as if you were going to use it.

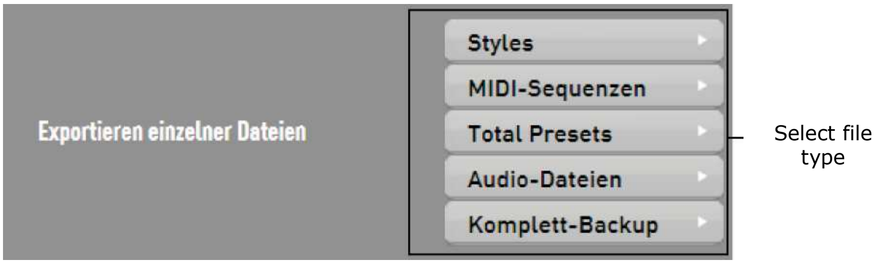
Select the file to be exported (except backups).

Go to Settings by tapping the corresponding button in the header bar of the display.
➔ the button is enlarged and turns grey

Press the Import/Export/Delete button.

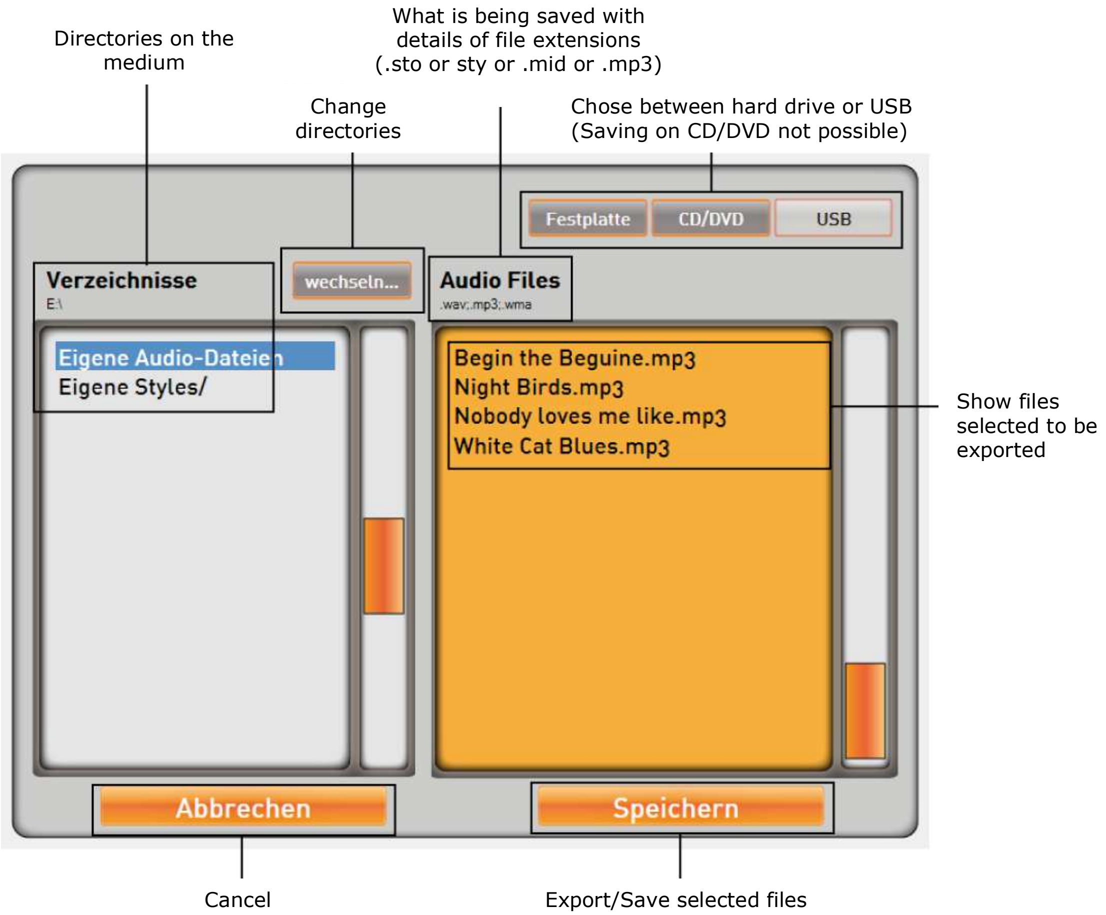

General settings
Import/Export/Delete
System-info / Activations
Free

Now select which of your files you want to export: Styles, MIDI files, total presets, audio files or a backup.


Exportieren einzelner Dateien
Styles
MIDI-Sequenzen
Total Presets
Audio-Dateien
Komplett-Backup
Select file type

The same window opens irrespective of which type of file you have chosen. You can now select where you want to save the file (on the internal hard drive or on a USB memory stick).

Saving directly onto a CD/DVD is not possible.


Directories on the medium
What is being saved with details of file extensions (.sto or sty or .mid or .mp3)
Change directories
Chose between hard drive or USB (Saving on CD/DVD not possible)
Festplatte
CD/DVD
USB
Verzeichnisse
E:\
wechseln...
Audio Files
.wav;.mp3;.wma
Eigene Audio-Dateien
Eigene Styles/
Begin the Beguine.mp3
Night Birds.mp3
Nobody loves me like.mp3
White Cat Blues.mp3
Show files selected to be exported
Abbrechen
Speichern
Cancel
Export/Save selected files

1. First chose where you want to save: the internal hard drive or USB memory stick or external USB hard drive.

2. Under "Directories" on the left appear the available directories and on the right the files in the main directory on the medium.

3. Press the directory in which you wish to save.

4. Press the "Save" button. If you press "Cancel", the entire process is stoppped without a file being loaded.

Important!

- **Styles** are saved with the file extension with which they were loaded.
- **MIDI Sequences** are saved with the file extension .mid.
- **Total Presets** are saved with the file extension.wtp.
- **Audio files** are saved with the file extension (.wav oder. mp3), with which they were loaded.
- A special directory is provided for **Backups**, in which the individual files are then saved. WERSI backup 2009_11_4_9_49 ➔ This backup was saved on 04.11.2009 at 9.49.

12.2.3. Delete Files

You can only delete your own files! You cannot delete any factory settings.

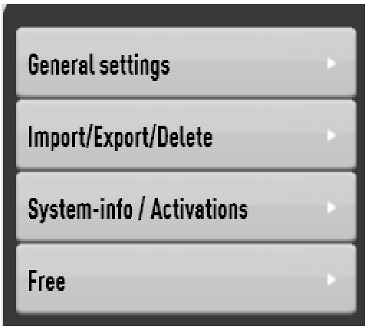
With the 'Delete Fles' function, you can delete Styles, MIDI files, total presets and audio files from your instrument.

Before you delete a Style, MIDI sequence, audio file or total preset, you must select that item as if you were going to use it.

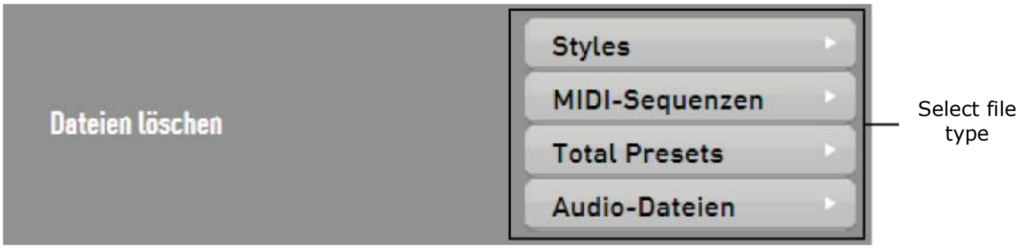
Select the file to be deleted.

Go to Settings by tapping the corresponding button in the header bar of the display.
➔ the button is enlarged and turns grey

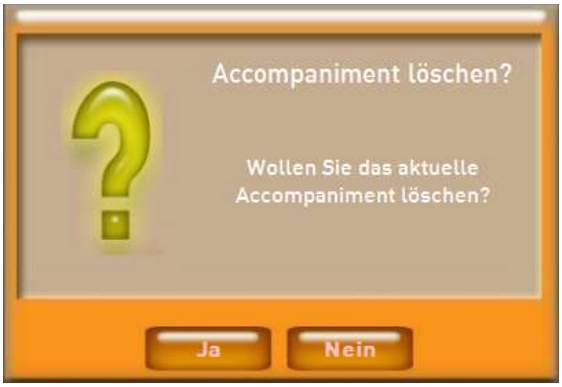
Press the Import/Export/Delete button.


General settings
Import/Export/Delete
System-info / Activations
Free

Now select which of your files you want to delete: Styles, MIDI files, total presets, audio files or a backup.

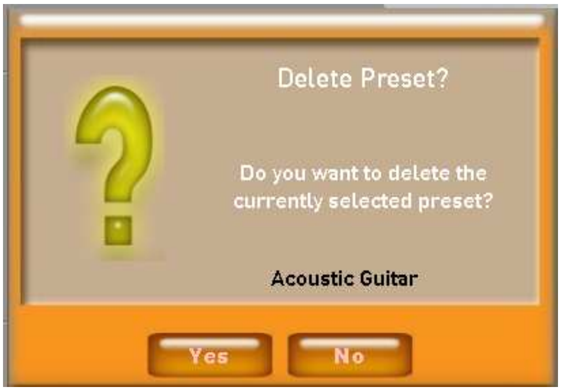

Dateien löschen
Styles
MIDI-Sequenzen
Total Presets
Audio-Dateien
Select file type

After you have made your choice, an appropriate confirmation prompt appears, which you answer with YES or NO.



Accompaniment löschen?

Wollen Sie das aktuelle Accompaniment löschen?

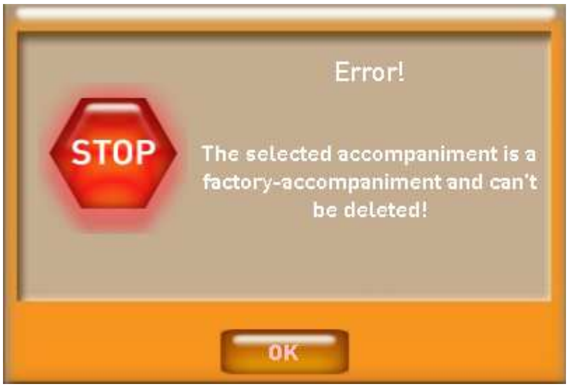


Delete Preset?

Do you want to delete the currently selected preset?

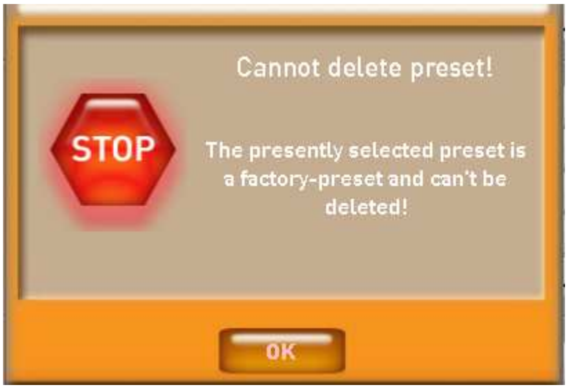
Acoustic Guitar

Error messages that may appear whilst deleting:



Error!

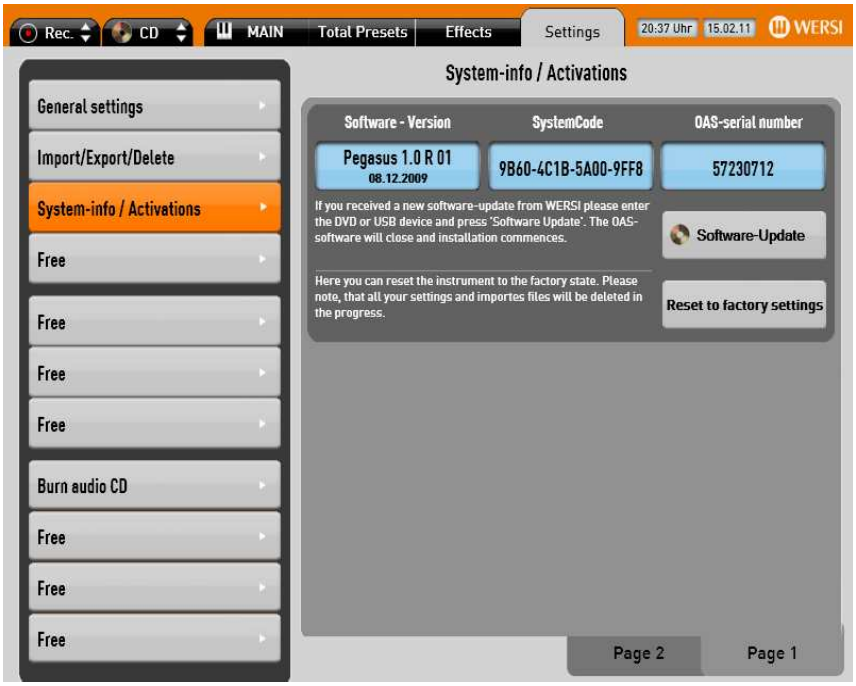
The selected accompaniment is a factory-accompaniment and can't be deleted!



Cannot delete preset!

The presently selected preset is a factory-preset and can't be deleted!

12.3. System Info/Activation


Rec.
CD
MAIN
Total Presets
Effects
Settings
20:37 Uhr
15.02.11
WERSI
General settings
Import/Export/Delete
System-info / Activations
Free
Free
Free
Free
Burn audio CD
Free
Free
Free
Software-Update
Reset to factory settings
Page 2
Page 1

System-info / Activations

Software - Version	SystemCode	OAS-serial number
Pegasus 1.0 R 01 08.12.2009	9B60-4C1B-5A00-9FF8	57230712

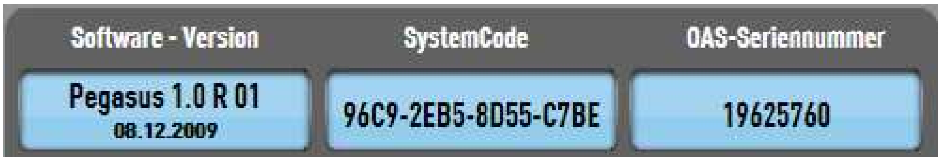
If you received a new software-update from WERSI please enter the DVD or USB device and press 'Software Update'. The OAS-software will close and installation commences.

Here you can reset the instrument to the factory state. Please note, that all your settings and importes files will be deleted in the progress.

- ❖ Go via Settings to System Info/Activations

12.3.1. System Info

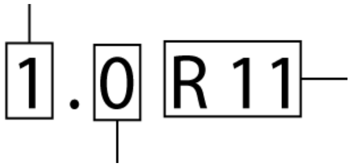
Displayed here are three important pieces of information:



Software - Version	SystemCode	OAS-Seriennummer
Pegasus 1.0 R 01 08.12.2009	96C9-2EB5-8D55-C7BE	19625760

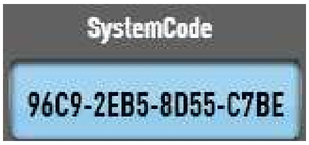
Software Version: shows the current software version running on your instrument. As WERSI continuously develops the instrument, new functions or software packages are added. To find out which is the latest version for your instrument, go to www.wersi.net.
Make up of the software version number:

New software with many major innovations (fee required)

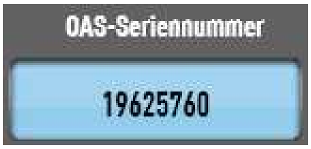


New release with small improvements and adjustments, integration of new sound packs (fee required) (Software update free, but plus postage of DVD, download free)

Minor software development (possible fee required)


SystemCode
96C9-2EB5-8D55-C7BE

Each instrument has its own unique system code. Your instrument is registered with WERSI under this number combination. With this code you get the necessary activations for additional sound packs.


OAS-Seriennummer
19625760

The OAS Software has already been activated in the factory with the OAS serial number, without which the instrument cannot be used. In the OAS serial number box, you can see the number combination, with which the OAS software was activated. You also receive your instrument's unique OAS serial number with the guarantee documents. You can request the code from WERSI at any time, should you loose it.

✋ The system code described above applies to all your instrument's component parts
If any part (circuit boards, RAM, processor etc.) of your instrument is changed, the system code changes and all activations are lost.

12.3.2. Software Update

WERSI is constantly working to improve and develop the OpenArt-System. Consequently, new software versions, which you can receive on DVD from WERSI or download from our web site, appear at irregular intervals.

Insert the software DVD or copy the data after downloading it into a folder on a USB memory stick.

- Push the DVD into the slot in drive until the DVD is automatically drawn in or plug the USB stick into the instrument.
- Press the Software Update button. The OAS software is closed and the installation begins.
- Follow the instructions on the screen.

12.3.3. Restoring Factory Settings

This process will delete all your own data. This applies to Styles, MIDI sequences, audio files, total presets and the general settings. On completion of this process, the instrument is in its as-delivered condition.

- Press the Factory Settings button.
- Confirm with YES or NO. The factory settings are restored.

✋ **The activations for the OAS-Software and the additional extensions are not affected!**

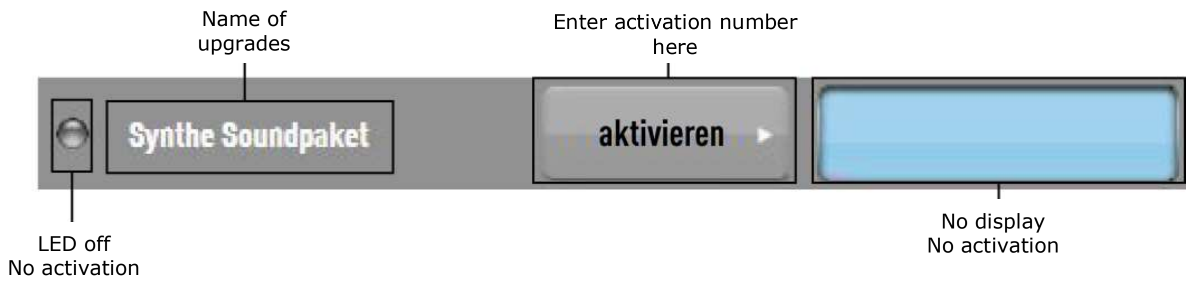
ⓘ **Restoring the factory settings does not remove any possible software problems.**

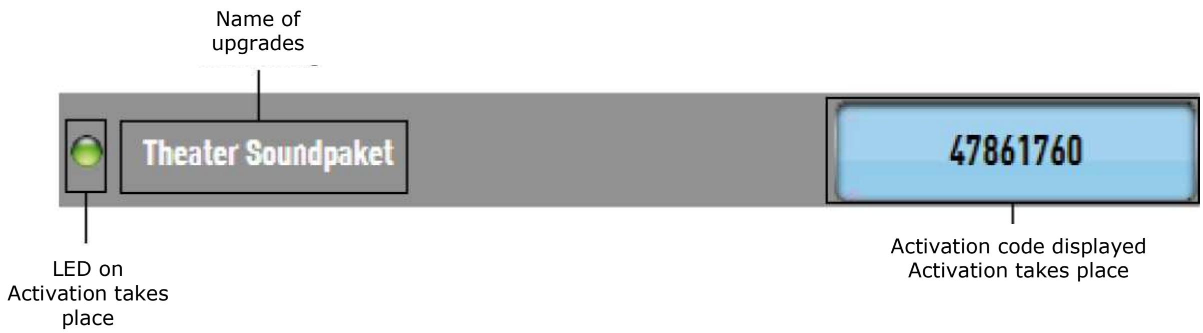
12.3.4. Activating Extensions

Go to Settings by tapping the corresonding button in the header bar ➔ the button is enlarged and turns grey.

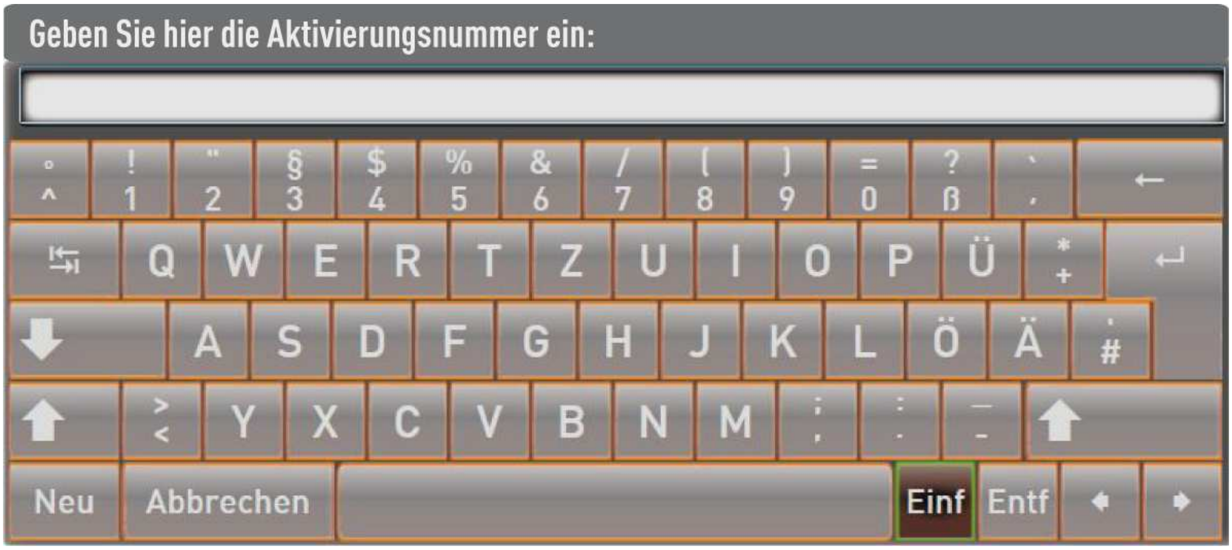
Press the System Info/Activation button.

Go to Page 2. Here you can see all possible upgrades. Depending on the software version in place, you will see further extentions on Page 3.


Name of upgrades
Enter activation number here
Synthe Soundpaket
aktivieren
LED off
No activation
No display
No activation


Name of upgrades
Theater Soundpaket
47861760
LED on
Activation takes place
Activation code displayed
Activation takes place

Now press the Activation button for the extention you wish to activate. The typewriter appears on the screen.


Geben Sie hier die Aktivierungsnummer ein:
° ^ ! 1 " 2 § 3 $ 4 % 5 & 6 / 7 (8) 9 = 0 ? ß ` ´ ←
Q W E R T Z U I O P Ü * +
A S D F G H J K L Ö Ä ' #
> < Y X C V B N M ; , : . _ -
Neu
Abbrechen
Einf
Entf

Now give the activation number which you received from WERSI and confirm with ENTER.

If the entry was accepted, an appropriate message appears, which you confirm with OK.
The upgrade LED goes green and the activation number appears on the screen.

If the entry was not accepted, you are informed of this and you have to repeat the entry.

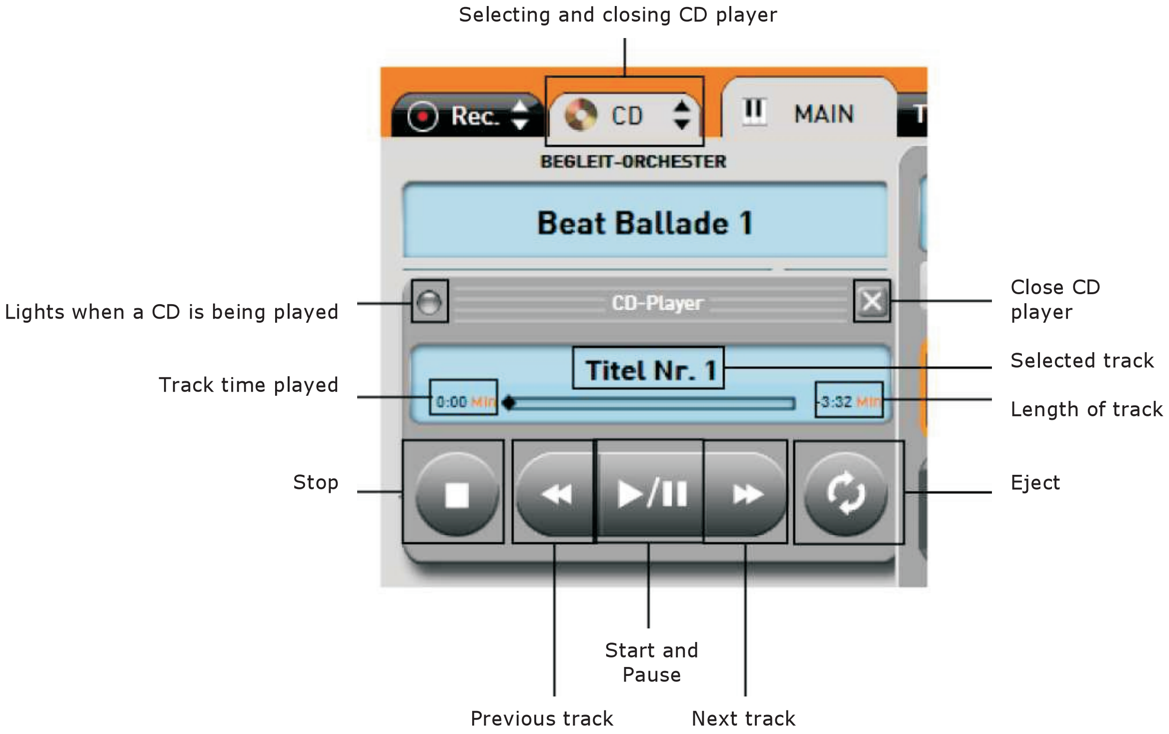
✋ **In any case, you have to switch the instrument on and off after a successful activation.**

ⓘ **For Information about the use or selection of extention please see the accompanying operating instructions.**

13. Disc Player

The disc player will play normal music CDs and CDs with MP3 or wav files.

- Push the CD into the slot in drive until the CD is automatically drawn in.
- Press the CD player button. The disc player window opens.


Selecting and closing CD player
Rec.
CD
MAIN
BEGLEIT-ORCHESTER
Beat Ballade 1
CD-Player
Titel Nr. 1
0:00 Min
3:32 Min
Lights when a CD is being played
Track time played
Stop
Close CD player
Selected track
Length of track
Eject
Start and Pause
Previous track
Next track

The volume is determined by the ACC slider control.

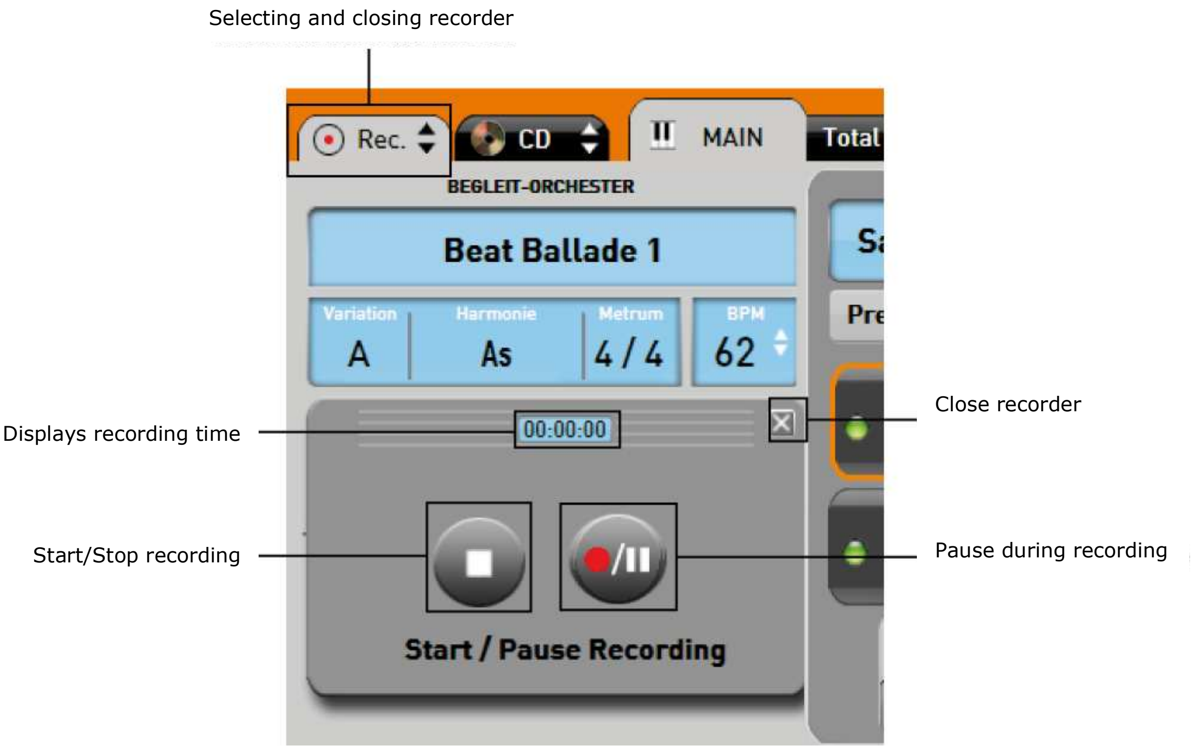
Track names are not displayed with normal CDs.

Depending on the system capacity, it may not be possible to play the keyboard during the playback of music CDs.

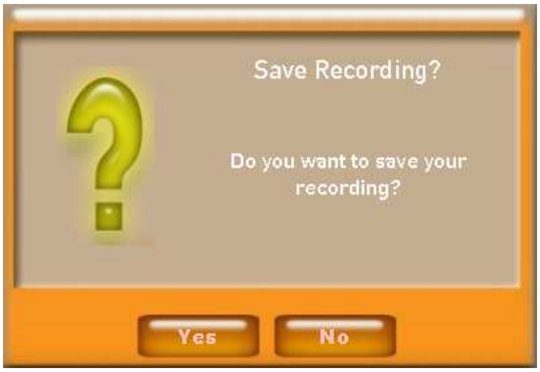
14. Record

The "RECORD" function enables you to record your own playing. The recording is digital and saved as an MP3 file.

- ❖ You should first select the sounds and a Style or a MIDI sequence. Or you can use your own total preset already saved for the track.
- ❖ Press the REC button. The recorder window opens..


Selecting and closing recorder
Rec.
CD
MAIN
Total
BEGLEIT-ORCHESTER
Beat Ballade 1
Variation
A
Harmonie
As
Metrum
4 / 4
BPM
62
Close recorder
Displays recording time
00:00:00
Start/Stop recording
Pause during recording
Start / Pause Recording

- ❖ You can start the recording with the "Start/Stop Recording" button. The actual recording begins witht the first played note, so that there is no pause at the beginning.
- ❖ You can interrupt the recording with the "Pause Recording" button. Tapping the same button again restarts the recording.
- ❖ n you have finished recording, the following appears:


Save Recording?

Do you want to save your recording?

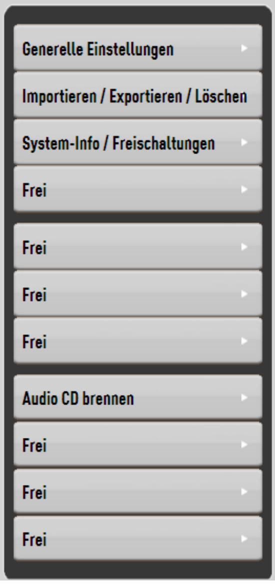
- Confirm with “Yes”, if you want to save the recording. Press “No” if you wish to discard it.
- If you chose “Yes”, the AUDIO button and the lower part of the display begin to flash. This tells you that you must now chose a storage place.
- The display shows you the audio files already stored. Use the the arrow buttons ▼ ▲ to chose the user level on which you want to save the recording. There are 100 levels available.
- Now press the the storage place you wish to use.
- The recording is saved in the instrument and a message appears to that effect, which you confirm with “OK”.

ⓘ **The recording is automatically given a name, made up from the word WAV, the date and current time. You can, of course, change this name later. See Chapter 11.3.**

ⓘ **You can make a CD from your own recordings. See Chapter 15.**

15. Making Audio CDs

You have already discovered how to record your own playing in Chapter 14. The recordings are audio recordings in MP3 format (not MIDI sequences), which you can burn on a normal CD. The result is a normal audio CD which can be played on any CD player.


Generelle Einstellungen
Importieren / Exportieren / Löschen
System-Info / Freischaltungen
Frei
Frei
Frei
Frei
Audio CD brennen
Frei
Frei
Frei

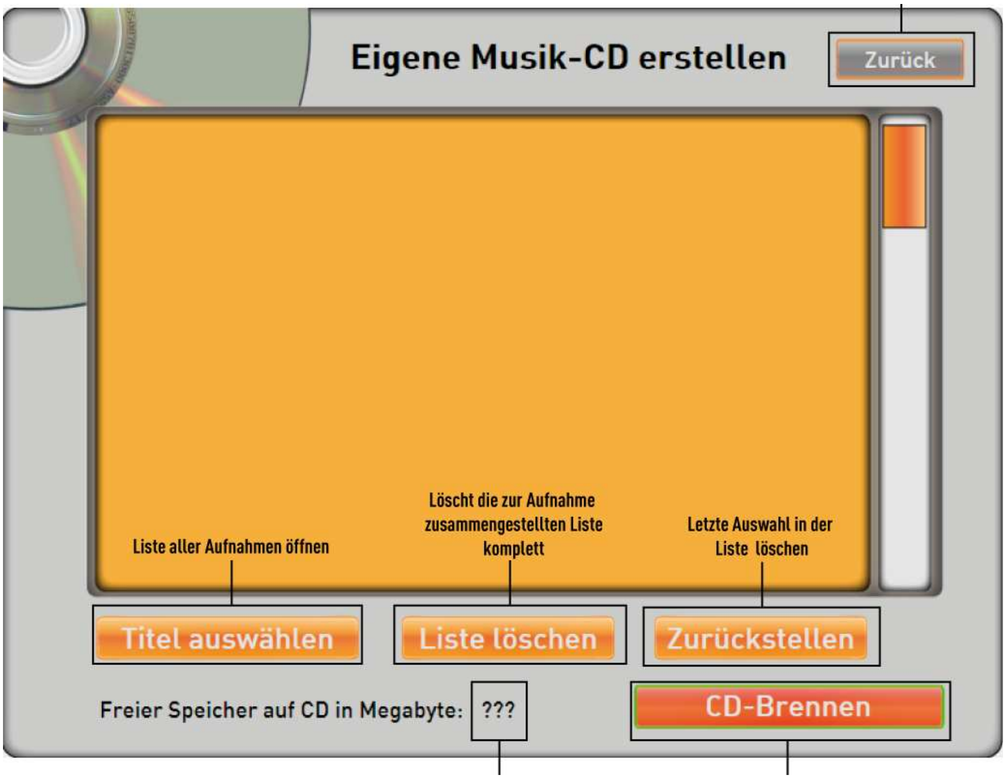
ⓘ **Have at the ready normal blank CDs (CD-R). Rewritable CDs (CD-RW) cannot be used.**

A blank CD-R has a capacity of 650 MB, which represents 74 minutes of music (conventional audio CDs) and 800 MB (91 minutes).

Go to Settings by tapping the corresponding button in the header bar of the display ➔ the button is enlarged and turns grey.

Press the Burn Audio CD button.

Stop process and go back to MAIN


Eigene Musik-CD erstellen
Zurück
Liste aller Aufnahmen öffnen
Löscht die zur Aufnahme zusammengestellten Liste komplett
Letzte Auswahl in der Liste löschen
Titel auswählen
Liste löschen
Zurückstellen
Freier Speicher auf CD in Megabyte:
???
CD-Brennen

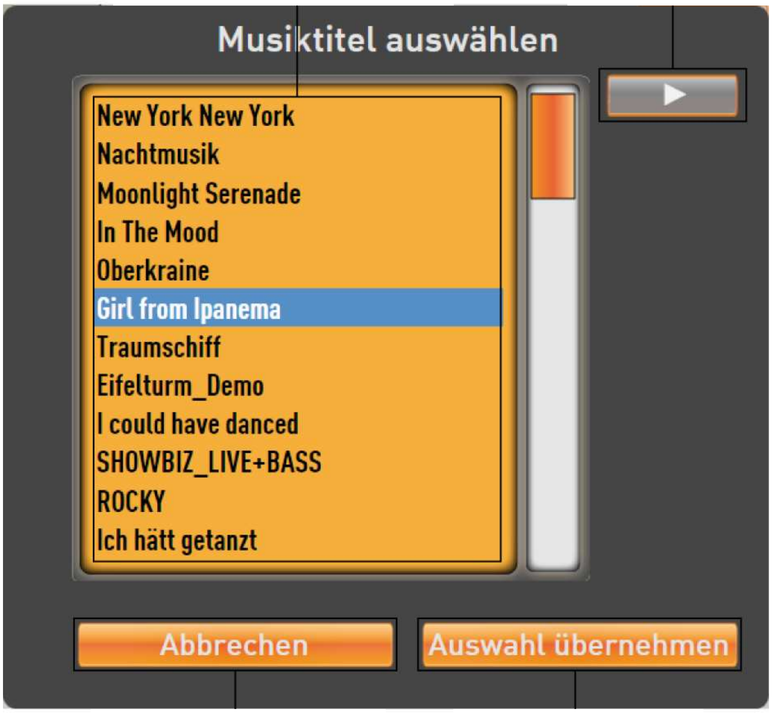
Shows free memory when blank CD inserted

Burn CD

Now press the Select Track button and all your recordings appear on the screen.

List of all recordings with one track selected

Pre-hear selected rack

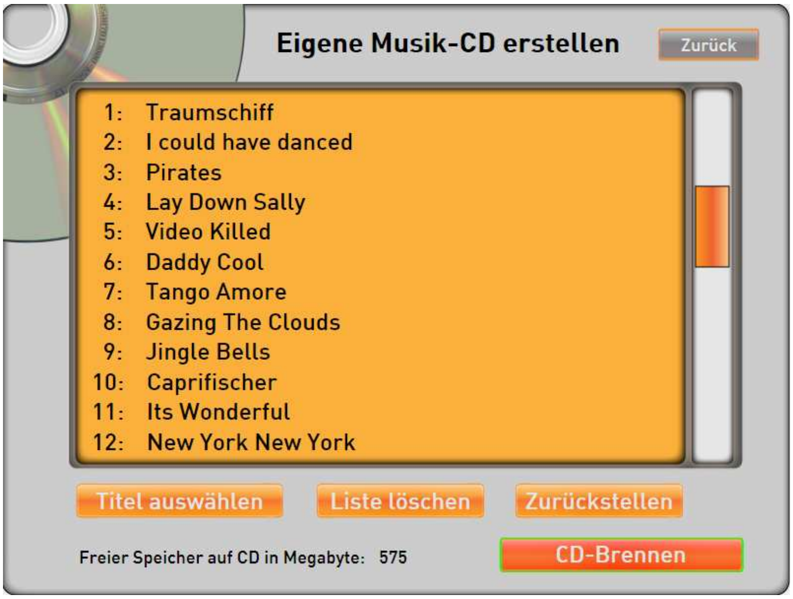

Musiktitel auswählen
New York New York
Nachtmusik
Moonlight Serenade
In The Mood
Oberkraine
Girl from Ipanema
Traumschiff
Eifelturm_Demo
I could have danced
SHOWBIZ_LIVE+BASS
ROCKY
Ich hätt getanzt
Abbrechen
Auswahl übernehmen

Close window without selecting a track

Accept track

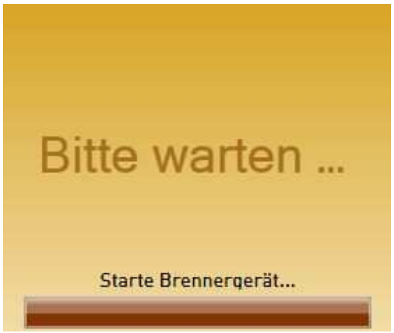
Now select the track you want and confirm by tapping the Accept Track button.

The selection goes into the list and you can then add more to make up your CD.


Eigene Musik-CD erstellen
Zurück
1: Traumschiff
2: I could have danced
3: Pirates
4: Lay Down Sally
5: Video Killed
6: Daddy Cool
7: Tango Amore
8: Gazing The Clouds
9: Jingle Bells
10: Caprifischer
11: Its Wonderful
12: New York New York
Titel auswählen
Liste löschen
Zurückstellen
CD-Brennen

Freier Speicher auf CD in Megabyte: 575

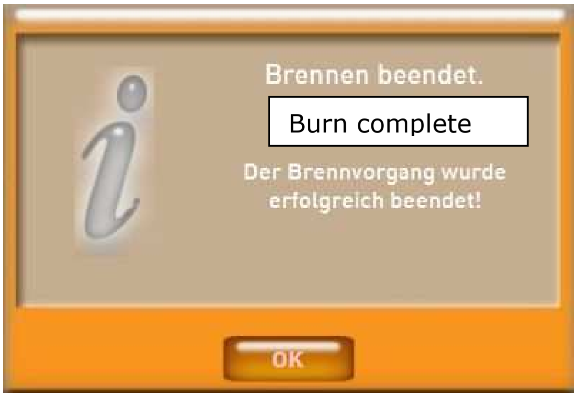
After putting together your CD, press the Burn CD button. The burning process takes several minutes. A progress bar appears on the screen:



Bitte warten ...

Starte Brennergerät...

If the burning is successful, the CD is automatically ejected from the drive and the following message appears:



Brennen beendet.

Burn complete

Der Brennvorgang wurde erfolgreich beendet!

Confirm with OK and go back to Main.

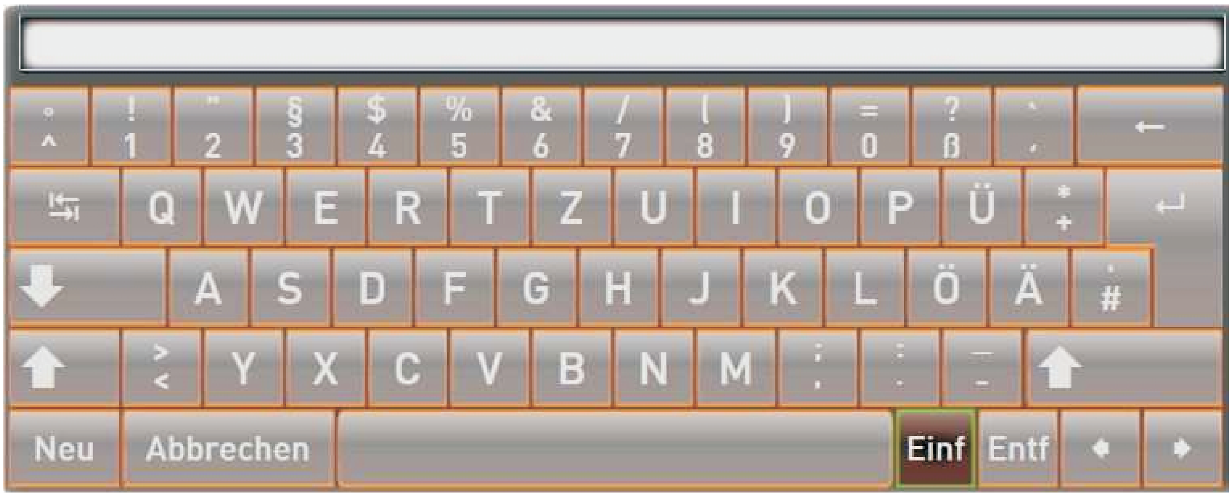
You can try out your CD on your instrument or use a normal CD player.

ⓘ **You cannot normally save the names of individual pieces of music on an audio CD. When you play the CD, just the track number is displayed, as is the case with any CD player.**
You may be used to using a media player, whereby traditional audio CD track names are displayed. This is something possible through the internet, where track names are loaded from specially stored data. This is, of course, not possible for your own recordings.

ⓘ **Please note that your own self-made CDs will not have the volume, which you are used to from professional CDs. Professional recordings use a complicated procedure to achieve maximum volume.**

16. Using the "Virtuel Typewriter"

Using the "virtuel typewriter" is just like using a normal computer/laptop keyboard with some minor differences.



Please note:

Shift = **Switch** to capital letters or alternative symbols
Activating this button only works for the next letter.

Caps Lock = **Switch** to capital letters or alternative symbols
Activating this button works for all the following letters
(same function as Shift-Lock-Button ⇩ on a PC keyboard = caps lock)

= space bar

← → = Move the Cursor = left and right arrow keys
Alternatively you can position the cursor by tapping in the text at the required spot.

Home = moves the cursor to the beginning of the text

End = moves the cursor to the end of the text

Ins = insert/overwrite a character at the marked position
You can highlight a section by pressing and running your finger over the target text.

Del = Deletes the highlighted section/character

Backspace = Deletes the character to the left of the cursor.

🛠 To delete the whole name you can run your finger over the whole text area > the text assumes a blue background.

ⓘ Please remember, when putting in the name, that it can be displayed later in full in the selection boxes in the Main display under Total Presets, although longer names may be truncated.

🛠 The length of the name displayed is determined not only by the number of characters, but also by which letters you use, as these are of varying length.
You can see the approximate maximum length of text that will fit from the previous screenshots. For example, take one particular number/key: “7”.

Some characters are not possible
and are replaced by other characters on this key.

In addition, some keys e.g. Enter have no function.

🛠 If you connect a PC keyboard, you will be able to use all the usual letters and characters.

By tapping Back you automatically go back to the last screen without saving.

17. WERSI – System

Tapping the WERSI logo (only in SETTINGS) in the top right of the screen closes the WERSI programme and takes you into WINDOWS©.

You do not need to do anything here to support your normal playing operations. If any work has to be undertaken here, it should only be done by experienced WINDOWS® users.

Tapping the WERSI OAS icon takes you back to the normal playing mode.

We would like to point out **once more** that any claim under **your warrenty would be invalidated** if a malfunction arose:

- through the installation of additional software programmes, not supplied or expressly authorised and released for an application by WERSI and which lead to a failure of the operating system by, for example, so-called drivers not compatible with the WINDOWS® version in use or not programmed for it.
- through the installation of components not optimised to work with the WERSI OAS system
- through the installation of replacement or additional components not supplied by WERSI.

Your hardware is controlled by the system code which applies to all the components used in your instrument. The system code is your instrument's distinctive finger print.
If components (circuit boards, RAM, processor etc.) are changed, the system code changes, resulting in activations being lost and the instrument can no longer be used.

You should therefore first contact WERSI before planning to install 'alien' software.
If you are planning any hardware additions, buy these only from WERSI.

It is also most important for your instrument to work correctly not to make any changes to the "Wersi" folder or any of its sub-folders on the PC's hard disk or to the WINDOWS folder. This means you must neither delete, move nor create new files nor folders there nor store any other files there (apart from when installing official software updates).

If intervention in the WINDOWS file system results in malfunction, only a modified WERSI/WINDOWS version of a special CD may then be installed!

As in this case your personal files will be deleted, you should always back-up your data at regular intervals or after saving large amounts of data!

18. Data Banks

General Specifications

18.1. Storage

18.1.1. Total Presets

Write-protected factory total presets:	currently about 100
Free user storage places:	1000 divided into 100 banks each with 10 storage places

18.1.2. Sounds

Factory Sounds:	currently about 750
Free user storage places:	none Extentions are available in **Sound Packs** (fee payable)

18.1.3. Accompaniments

Factory Styles:	currently 215
Free user storage places:	1200 divided between 12 Acc buttons each with 10 levels each with 10 storage places

18.1.4. MIDI Sequences

Factory MIDI sequences:	currently 20 demo MIDI sequences
Free user storage places:	1000 divided into 100 banks each with 10 storage places

18.1.5. Audio (MP3 Files)

Factory audio(MP3) files:	currently 18 demo audio files
Free user storage places:	1000 divided into 100 banks each with 10 storage places

18.2. List of Total Presets

The total presets delivered with your instrument are meant to demonstrate its sound potential. All total presets are saved without Styles.

Please use the ONE TOUCH function, if you would like to see an overview of the Styles in connection with sounds.

Factory Settings	
Nr.	**Name**
1	Drawbars
2	Drawbars Percussion
3	Grand Piano
4	E-Piano
5	Strings
6	Brass
7	Vocals
8	Synth
9	Theatre
10	Church without Split
11	Drawbars Straight
12	Drawbars For All
13	Drawbars Open
14	Drawbars Rotor Full
15	Drawbars Percussion 2nd
16	Drawbars Percussion 3rd
17	Drawbars Vibrato C-3
18	Drawbars Vibrato V-3
19	Drawbars Jazz
20	Drawbars with Brass
21	Grand Piano
22	Grand Piano - Strings
23	Grand Piano Octave
24	Modern Piano
25	Grand Piano - Synth
26	Honky Tonk
27	E-Piano Soft
28	E-Piano Bright
29	Grand Piano without Split
30	E-Piano Vintage without Split
31	Acustic Guitar
32	Flamenco Guitar
33	E- Guitar Stratocaster
34	Ricky Guitar

Factory Settings	
Nr.	**Name**
35	Distortion Guitar
36	Synth Guitar
37	Atmos Guitar
38	Pedalsteel with WersiChord
39	Acoustic Guitar with Slide
40	Mandolin Orchestra
41	Big Orchestra without Split
42	Small Orchestra without Split
43	Orchestra Tutti without Split
44	Barock Orchestra
45	Eurovisions Fanfare
46	Mantovani Strings
47	Strings Pizzicato
48	Strings and Trumpets
49	Oboe-Fagott-Strings
50	English Horn-Strings
51	Jazz Vocals without Split
52	Jazz Vocals Duh without Split
53	Church Vocals without Split
54	Church Vocals Solo without Split
55	Vocals Aah-Ooh
56	Vocals Opera
57	Synth Vocals 1
58	Synth Vocals 2
59	Jazz Vocals with WersiChord
60	Duet Female with WersiChord
61	Solo Trumpet
62	Trombone
63	Mute Trumpet
64	Flugelhorn
65	Solo Saxophone
66	Swing Clarinet
67	Big Band Brass
68	Big Band Brass Shake

Factory Settings	
Nr.	**Name**
69	Glenn Miller with WersiChord
70	Saxophone with WersiChord
71	Synth 1
72	Square Solo
73	Synth 2
74	Solo with Women Voice
75	Synth 3
76	Synth with LM Hold
77	Techno Groove
78	Trance Dance Special
79	Vocalising Pad without Split
80	Synth Brass without Split
81	Accordion
82	Accordion Diatonic
83	Accordion Musette
84	Bandoneon

Factory Settings	
Nr.	**Name**
85	Accordion Tango
86	Sailor Dreams
87	Diatonic Clarinet
88	Dulcimer
89	Oberkrainer with WersiChord
90	Accordion-Trumpet with WersiChord
91	Vibraphone
92	Xylophone
93	Mouthorgan Blues
94	Gypsy Violin
95	Pan Flute
96	Flute
97	Shakuhachi
98	Horns with Strings
99	Toy Piano
100	Chaos

18.2.1. List Your User Total Presets

Bank	Place	**Preset Name**	Split	X	LEFT Footswitch	RIGHT Footswitch
B-	1				L:	R:
B-	2				L:	R:
B-	3				L:	R:
B-	4				L:	R:
B-	5				L:	R:
B-	6				L:	R:
B-	7				L:	R:
B-	8				L:	R:
B-	9				L:	R:
B-	10				L:	R:

Bank	Place	**Preset Name**	Split	X	LEFT Footswitch	RIGHT Footswitch
B-	1				L:	R:
B-	2				L:	R:
B-	3				L:	R:
B-	4				L:	R:
B-	5				L:	R:
B-	6				L:	R:
B-	7				L:	R:
B-	8				L:	R:
B-	9				L:	R:
B-	10				L:	R:

18.3. List of Factory Sounds (Mapping)

[*Mapping* = Voice Allocation]

18.3.1. Mapping Upper 1 / Right of the Split Point

Drawbars	**Level 1**		**Drawbars**	**Level 2**
Drawbars Variable	DB Rotor Straight		DB Dark Solo	DB Bright Solo
DB Rotor Open	DB Rotor for All		DB Ballad	DB Pop
DB Rotor + Perc 2nd	DB Rotor + Perc 3rd		DB Ballad Perc 2nd	DB Poly Perc 3rd
DB Vibrato C-3	DB Vibrato V-3		DB Swinging	DB Square Wave
DB Rotor Full	DB Rotor Width		DB Largo	DB 8’ + 2nd Perc
Drawbars	**Level 3**		**Drawbars**	**Level 4**
DB Flutes + 2nd Perc	DB Jazzy			
DB Foxy	DB Church			
DB Dark	DB Reeds			
DB Vib C3+Perc 3rd				

Presets	**Level 1**		**Presets**	**Level 2**
DB Full 1	DB 16 8 4 2 1		Organ Universal	Perc Organ Universal
DB Full 2	DB 16 1-1/3 1		Rock Organ Universal	
DB Blues 1	DB Blues1 Perc		CD Jazz Organ Stereo	
DB Blues 2	DB Blues2 Perc		CD Jazz Organ	
DB 16 8 4 2				
Presets	**Level 3**		**Presets**	**Level 4**
Rotor 1	Rotor 2			
Rotor Perc 3rd				
Scanner V-1	Scanner C-1			
Scanner V-2	Scanner C-2			
Scanner V-3	Scanner C-3			

Theatre	**Level 1**		**Theatre**	**Level 2**
Theatre Organ	Theatre Organ + Vocal			
Theatre Strings	Theatre Strings Sustain			
Theatre Tibia 8	Theatre Kinura			
	Theatre Drums			

Church	**Level 1**		**Church**	**Level 2**
Church Tutti 1	Church Mixed 3			
Church Tutti 2	Church Mixed 2			
Church Principal	Church Mixed 1			
Church Reeds				
Church Tutti + Vocal	Church Mixed + Vocal			

Strings	**Level 1**		**Strings**	**Level 2**
Strings	Classical Small Strings		Strings Attack	Attack Strings
Strings Mantovani	Marcato Strings		Strings Sustain	Strings Violins
Strings Tremolo 1	Strings + Pizzicato		Bell Strings	Strings Violins Attack
Strings Vocal	Rondo Orchestra		Strings + Harp	Horns + Strings
Full Orchestra	Bright Orchestra		Brass Orchestra 1	Brass Orchestra 2
Strings	**Level 3**		**Strings**	**Level 4**
Soft Legato Strings	Soft Strings VeloAttack			
Bright Legato Strings	Bright Strings VeloAttack			
Soft + Bright Lg. Strings	Tremolo Strings 2			
Legato-Tremolo				

Violin	**Level 1**		**Violin**	**Level 2**
Violin 1	Pizzicato 1 Ensemble		Violin 2	Pizzicato 1
Gpsy Violin	Violin + Strings		Pizzicato Strings 2	Fiddle
Viola	Classical Small Strings		Violin Solo	Legato Pizz
Cello	Harp		CD-Violin	
Contrabass	Contrabass Ensemble		2 Violins	

Accordion	**Level 1**		Accordion	**Level 2**
Accordion Mixed 1	Diatonic Accordion 1		Accordion 2x8Ch	Diatonic Mixed
Accordion Mixed 2	Diatonic Accordion 2		Tango Accordion 1	Diatonic + Bandoneon
Accordion 16’	Diatonic Accordion 3		Tango Accordion 2	Accordion + Trumpet
Accordion 8’	Diatonic Chorus		CD Accordion	Accordion + Zither
Accordion 3Ch	Diatonic Echo		CD Accordion St.	Accordion + Clarinet
Accordion	**Level 3**		Accordion	**Level 4**
Russian Accordion	Bass Accordion			

Musette	**Level 1**		**Musette**	**Level 2**
Musette 1	Mouthorgan			
Musette 2	Mouthorgan Blues			
Accordion-Musette 3	Bandoneon 1			
Accordion-Musette 4	Bandoneon 2			
Recorder	Bandoneon 3			

Vocal 1	**Level 1**		**Vocal 1**	**Level 2**
Vocal 1	Vocals Aah Woman			
Vocals Aah	Vocals Ooh Woman			
Vocals Opera	Vocal Mixed			
Vocal + Solo	Vocal Mixed + Boys			
Duh Vocal	Vocal Boys			

Vocal 2	**Level 1**		**Vocal 2**	**Level 2**
Jazz Vocal Dooh	Girl Sustain		GG-Synvocal	Spaced Choir
Jazz Vocal Baah	Synth Voice		Dark Vox	Heaven Choir
Jazz Vocal Mixed	Digital Choir		Reverse Choir	Art Of Choir
Jazz Vocal Mixed+Bass	Vocal Bells		Attack Choir	Bell Choir
Jazz Vocal Bass	Vocal Girl		Soft Sweeper Choir	Space Vocal

Synth 1	**Level 1**		**Synth 1**	**Level 2**
Halo Pad	Brass Pad		Thin Air Pad	Sweeping Pad + Bells
Vangelis Pad	Vocalising Pad		Softly Pad	Saw Pad Sweep
Metal Pad	Swoosh Pad		Soft Super Saw Pad	Worlds Apart Pad
Synth Strings 1	Dirty Sweep Pad		Warm Pad	Milky Way Pad
Synth Strings 2	Star Theme		S+H Worlds Pad	Analogy Pad
Synth 1	**Level 3**		**Synth 1**	**Level 4**
Mega Pad	Ghost Wave Pad		Soft Groove Pad	Glassy Pad
Pulsing Wave Pad	Long Sweep Pad		Chase 4 Pad	Sizzle 2 Pad
Swoosh Pad	Retro Pad		Rhythmic Pad	Urban Pad
Bright Sweep Pad	Cermonial Pad		Lost Souls Pad	Worried Dave Pad
Power Swell Pad	Stardust Pad		Ghost Ship Pad	Rising Star Pad
Synth 1	**Level 5**		**Synth 1**	**Level 6**
Bright Moving Pad	Slave Camp Pad		Dark Pulsator	Dark Driver Arp
Goblins	Echo Drops		Per Chime Arpeggio	Sub Metal Arpeggio
Soundtrack	Arail		Sequeaker Loop	Speech Sequencer
Bowed Glass	Ice Rain		Combo Loop	Tite Room Funk Loop
Sweep Pad	Big Pad		Packman Loop	Funky Chap Loop

Synth 2	**Level 1**		**Synth 2**	**Level 2**
Fantasia	Brightness		Dark Driver Lead	Electro Perc Lead
Crystal	Sawtooth		Bassline Style Lead	Dance Stabs Lead
CD-Galaxy	Lead Square		Rave Synth Lead	Super Synth Lead
CD-Theatre	GG-Fusion		Digital Theme Park	Band Poly Lead
CD-Fairlight	GG Air Mallet		Bigger Than Life	Syncerator
Synth 2	**Level 3**		**Synth 2**	**Level 4**
Shooting Stars	Bright Buzzer Poly		Analogue Heaven	Drums n Bass
Gangsta Whine	Dull Square Solo		5th Pulse Lead	Pulse Lead
Soloing Lead	Super Mini Lead		Dry Fat Pulse Solo	Basic Bend Lead
Alfreds Filter Solo	Theremin		Square Lead	Screamer Lead 1
Wannabe TB	808 State Lead		Screamer Lead 2	Pitch EG Lead
Synth 2	**Level 5**		**Synth 2**	**Level 6**
Fat Analogue Lead	Poly Slap		Cascading	Vollenweider
Dance Sawteeth	Trancefloor Lead		Atmosphere	Chiff
Analogue Sequence	Modern Lead		Solo Vox	5th Saw
Phaser Dance	OscSync Solo		Bass+Lead	Twilight
Glass Menagerie	Dreamharp		Dreaming	Cosmic

Piano	**Level 1**		**Piano**	**Level 2**
Grand Piano	Grand Piano Classic		Natural Grand Piano	Concert Hall Grand
Piano Octave	Piano Dreams		Bright Grand Piano	Bright Grand Piano 2
Piano + Strings	Piano + Vocals		Soft Grand Piano	Hard Grand Piano
Honky Tonk	Harpsichord		Ol' Upright Upright	Harpsichord + Octave
Honky Tonk Piano	Harpsichord Bright		Phaser Piano	CD-Cembalo
Piano	**Level 3**		**Piano**	**Level 4**
Electric Grand 1	LA Piano Soft		Atmos Piano	House Piano
Electric Grand 2	LA Piano Hard		Hi Piano Resonance	FM Electric Piano
Electric Grand 3	California Grand			
Soft Electric Grand	Heaven Piano			
Electric Grand Atmos	Steel Hammer Piano		NastiChord	PhaseriChord

E-Piano	**Level 1**		**E-Piano**	**Level 2**
E-Piano 1	E-Piano R1		Gentle Vintage EP	Soft Vintage EP
E-Piano 2	E-Piano R2		Spectral EP	Ultra Hard Vintage EP
E-Piana Bells	E-Piano R3		Vintage Amped EP	Vintage Road + Wurli
Wurli Soft	Vintage Electric Piano		Amped Wurli	Synth Wurli
E-Piano Nice Tyne	Clavinet 1		Elect Rhodes	Full Wurli
E-Piano	**Level 3**		**E-Piano**	**Level 4**
Paddy Roads	Fusion		Clavinet 1 Stereo	Clavinet 2
Hybrid Stage Piano	Dyno Stage			Stereo Clavinet 2
Sweet EP	Dyno Chorus			Chorus Clavinet 2
Metal Tyne	Belly			Wah Clavinet 2
Fantasy E-Piano	Smooth E-Piano			

E-Guitar	**Level 1**		**E-Guitar**	**Level 2**
E-Guitar Stratocaster	Jazz Guitar		Strat Clean	Strat Chorus
Clean Guitar	Hawaiian Guitar		Strat Wah	Strat Tremolo
E-Guitar Ricky	Muted Guitar		Strat Harmonics	Strat Muted Velo
Solid Guitar	Clean Guitar		Strat Muted Wah	Strat+Harmonics+Ham.
Strat Hardrock	Distortion Guitar		WahWah Guitar	
E-Guitar	**Level 3**		**E-Guitar**	**Level 4**
CD-Jazz Guitar	Comet Guitar		Lead Guitar	Lead Guitar Wah
FM Jazz Guitar	Synth Guitar		Lead Guitar Licks	Atmos Lead + Pad
Jazz Git. → Brass			Strat Glam	Strat Grunge
Pedal Steel Guitar			Nu Metal Stack	
Pedal Steel Slide Guitar			GM027JazzGuitar	Jazz Guitar

Ac-Guitar	**Level 1**		**Ac-Guitar**	**Level 2**
Natural Guitar	Western Guitar		Spanish Guitar	Nylon Pick
Nylon Finger Acoustic	Steel Guitar 1		Guitar Nylon Slide	Steel Guitar
Dulcimer	Banjo		Nylon Finger Bright	12 String Folk Guitar
Zither 1	Django Jazz-Guitar		Steel String Guitar	12 String Washy
Mandolin	Mandolin Orchestra		24 String Guitar	12 String Steel
Ac-Guitar	**Level 3**		**Ac-Guitar**	**Level 4**
Nylon+Harmonic+Ham.	Nylon2+Harmonic+Ham.			
St.String + Harmonics	Nylon + Steel Hybrid			
SteelString + AtmoPad	12 String Atmos Pad			
1 Finger Plucker	Shamisen			
Sitar	Charang			

Vibes	Level 1		Vibes	Level 2
Vibraphone 1	Marimba 1		GG-Marimba	Marimba 2
Warm Vibraphone	Xylophone Wood		GG-PercEcho	Koto
Vibes Tremolo	Xylophone Metal		Bass Marimba	
Rich Stereo Vibes	Octave Xylophone			
Vibraphone 2	Kalimba			

Celesta	Level 1		Celesta	Level 2
Celesta	Steel Drums 1		Tubular Bells	Tubular Bell Hard
Bells	Steel Drums 2		Tubular Bells Chimey	Melody Bells
Tubular Bells	Bright Steeldrums		Hold Bell Layer	Wheel Adjust Bell
Musicbox	Caribic		Tinker Bells	Pretty Bells
Tinkle Bell			Chime Bells	Soft Chimey Bells
Celesta	**Level 3**		**Celesta**	**Level 4**
Viborbellz Cascade	Special Bells Pad			

Trumpet	Level 1		Trumpet	Level 2
Trumpet	Trombone		Trumpet Bright	Jazz Trumpet
Trumpets Mariachi	Trombone Warm		Solo Trumpet	Muted Trumpet 2
Trumpet Live	Tuba 1		Trumpet Echo	Trumpet PingPong
Flugelhorn	Horn Solo		Trumpet Filter	Solo Trumpet 2
Trumpet Muted 1	Horn Section		Trumpet Alarm	Soft Solo Trumpet 2
Trumpet	**Level 3**		**Trumpet**	**Level 4**
Small Trumpet	Jazz Trombone		Horn Section Swell	French Horn Section
Duck Trumpet	Trombone 2		Horn Section Warm	Hybrid Horn Section
Muted Trp → Brass	Soft Trombone 2			
	Small Trombone			
	Tuba 2			

Brass	Level 1		Brass	Level 2
Brass Section	Big Band Brass 1		Real Brass Section 1	Hybrid Stabs
Ultimate Brass Section	Big Band Brass 2		Real Brass Section 2	Velo Stabs
Brass Shake	Big Band Brass 3		Small Brass Section	Brass Sforzando
Big Band Brass Soft	Trombone Ensemble		Soul Section Loose	BrassBass
Small Brass	Trumpet Ensemble		Fanfare1	Fanfare 2
Brass	**Level 3**		**Brass**	**Level 4**
Synth Brass 1	Soft Synth Brass 1		HP Synth Brass	Oberhype Brass
Synth Brass 2	Soft Synth Brass 2		Ana Synth Brass	8 Voice Synth Horns
Synth Brass 3	Polysynth		Punch Brass	Synth Brass Pad
Synth Brass 4	Oberheim		Soft Res Brass	Hybrid Brass Section
CD-Synthbrass	Matrix		Filter Brass	Seq Brass
Brass	**Level 5**		**Brass**	**Level 6**
Orchestra Hit	Big Orchestra Hit			
Italo Hit	Long Orchestra Hit			
Fat Hit	Hit Cluster			

Sax	**Level 1**		**Sax**	**Level 2**
Tenor Sax Forte	Soprano Sax 1		Tenor Sax Sweet	Soprano Sax 2
Tenor Sax Warm	Alto Sax F		Rock Sax	Soprano Dream
Sax Tenor Live	Alto Sax Section		Sax Tenor Legato	Tenor Sax 2
Baritone Sax	Sax Section 1		Alto Sax Medium 1	Alto Sax 2
Tenor Sax Bostic	Sax Section 2		Alto Sax Medium 2	Baritone Sax 2
Sax	**Level 3**		**Sax**	**Level 4**
Soft SaxSection 1	Brighter Section 1			
Soft SaxSection 2	Brighter Section 2			
Sax → Brass 16				
Sax → Brass 8				
Sax + Organ				

Clarinet	**Level 1**		**Clarinet**	**Level 2**
Clarinet 1	Glenn Miller Sound		Clarinet 2	Clarinet Loose
Clarinet Swing	Sweet Clarinet		GG-Shalmei	Thin Clarinet
Oboe	Oboe+Bassoon+Strings		CD-English Horn	
English Horn	Bassoon 1		CD-Oboe	
Bagpipes	Bassoon 2			

Flute	**Level 1**		**Flute**	**Level 2**
Jazz-Flute 1	PanFlute 1		Flute	Bottle
Jazz-Flute 2	PanFlute 2		Flute Tremolo Fade	Calliope
Transverse Flute	Heaven PanFlute		Flute Tremolo Switch	Ocarina
Piccolo 1	Shakuhachi Solo		Flute Vibrato	Skakuhachi
Whistle	CD Whistle		Piccolo 2	GG-Panflute

Specials	**Level 1**		**Specials**	**Level 2**
Applause	Vocals Effects		R2D2	Birds
Large Applause	Large Crowd Laugh		SciFi LFO FX	Bird
Small Applause	Small Crowd Laugh		Dentist's Kick	Gunshot
Seashore	Wind Atmos		Yeah Yeah Frog	Helicopter
Timpani	01 Standard 1 XG		Car	Phone
Specials	**Level 3**		**Specials**	**Level 4**
Chaos	Breath Noise			
Tension	Guitar Fretless			
Cascading	Jazz Split 1			
Glass Menagerie	Jazz Split 2			
CD-Drops	Jazz Split 3			

18.3.2. Sounds (Mapping Upper 2 / Upper Manual 2)

Drawbars	**Level 1**		**Drawbars**	**Level 2**
DB Full 1	DB 16 8 4 2 1		Organ Universal	Perc. Organ Universal
DB Full 2	DB 16 1-1/3 1		Rock Organ Universal	
DB Blues 1	DB Blues1 Perc		CD Jazz Organ Stereo	
DB Blues 2	DB Blues2 Perc		CD Jazz Organ	
DB 16 8 4 2				

Church	**Level 1**		**Theatre**	**Level 2**
Church Tutti 1	Church Mixed 3		Theatre Organ	Theatre Organ + Vocal
Church Tutti 2	Church Mixed 2		Theatre Strings	Theatre Strings Sustain
Church Principal	Church Mixed 1		Theatre Tibia 8	Theatre Kinura
Church Reeds				
Church Tutti + Vocal	Church Mixed + Vocal			Theatre Drums

Strings	**Level 1**		**Strings**	**Level 2**
Strings	Classical Small Strings		Strings Attack	Attack Strings
Strings Mantovani	Marcato Strings		Strings Sustain	Strings Violins
Strings Tremolo 1	Strings + Pizzicato		Bell Strings	Strings Violins Attack
Strings Vocal	Rondo Orchestra		Strings + Harp	Horns + Strings
Full Orchestra	Bright Orchestra		Brass Orchestra 1	Brass Orchestra 2
Strings	**Level 3**		**Strings**	**Level 4**
Soft Legato Strings	Soft Strings VeloAttack			
Bright Legato Strings	Bright Strings VeloAttack			
Soft + Bright Lg. Strings	Tremolo Strings 2			
Legato Tremolo				

Violin	**Level 1**		**Violin**	**Level 2**
Violin 1	Pizzicato 1 Ensemble		Violin 2	Pizzicato 1
Gypsy Violin	Violin + Strings		Pizzicato 2	Fiddle
Viola	Classical Small Strings		Violin Solo	Legato-Pizz
Cello	Harp		Cd Violin	
Contrabass	Contrabass Ensemble		2 Violins	

Vocal	**Level 1**		**Vocal**	**Level 2**
Vocal 1	Vocals Aah Woman		Jazz Vocal Dooh	Girl Sustain
Vocals Aah	Vocals Ooh Woman		Jazz Vocal Baah	Synth Voice
Vocals Opera	Vocal Mixed		Jazz Vocal Mixed	Digital Choir
Vocal + Solo	Vocal Mixed + Boys		Jazz Vocal Mixed+Bass	Vocal Bells
Duh Vocal	Vocal Boys		Jazz Vocal Bass	Vocal Girl
Vocal	**Level 3**		**Vocal**	**Level 4**
GG-Synvocal	Spaced Choir			
Dark Vox	Heaven Choir			
Reverse Choir	Art of choir			
Attack Choir	Bell Choir			
Soft Sweeper Choir	Space Vocal			

Synth	Level 1		Synth	Level 2
Halo Pad	Brass Pad		Thin Air Pad	Sweeping Pad + Bells
Vangelis Pad	Vocalising Pad		Softly Pad	Saw Pad Sweep
Metal Pad	Swoosh Pad		Soft Super Saw Pad	Worlds Apart Pad
Synth Strings 1	Dirty Sweep Pad		Warm Pad	Milky Way Pad
Synth Strings 2	Star Theme		S+H Worlds Pad	Analogy Pad
Synth	**Level 3**		**Synth**	**Level 4**
Mega Pad	Ghost Wave Pad		Soft Groove Pad	Glassy Pad
Pulsing Wave Pad	Long Sweep Pad		Chase 4 Pad	Sizzle 2 Pad
Swoosh Pad	Retro Pad		Rhythmic Pad	Urban Pad
Bright Sweep Pad	Cermonial Pad		Lost Souls Pad	Worried Dave Pad
Power Swell Pad	Stardust Pad		Ghost Ship Pad	Rising Star Pad
Synth	**Level 5**		**Synth**	**Level 6**
Bright Moving Pad	Slave Camp Pad		Fantasia	Brightness
Goblins	Echo Drops		Crystal	Sawtooth
Soundtrack	Arail		CD-Galaxy	Lead Square
Bowed Glass	Ice Rain		CD-Theatre	GG-Fusion
Sweep Pad	Big Pad		CD-Fairlight	GG Air Mallet
Synth	**Level 7**		**Synth**	**Level 8**
Dark Driver Lead	Electro Perc Lead		Shooting Stars	Bright Buzzer Poly
Bassline Style Lead	Dance Stabs Lead		Gangsta Whine	Dull Square Solo
Rave Synth Lead	Super Synth Lead		Soloing Lead	Super Mini Lead
Digital Theme Park	Band Poly Lead		Alfreds Filter Solo	Theremin
Bigger Than Life	Syncerator		Wannabe TB	808 State Lead
Synth	**Level 9**		**Synth**	**Level 10**
Analog Heaven	Drum n Bass		Fat Analog Lead	Poly Slap
5th Pulse Lead	Pulse Lead		Dance Sawteeth	Trancefloor Lead
Dry Fat Pulse Solo	Basic Bend Lead		Analogue Sequence	Modern Lead
Square Lead	Screamer Lead 1		Phaser Dance	OscSync Solo
Screamer Lead 2	Pitch EG Lead		Glass Menagerie	Dreamharp

Piano	Level 1		Piano	Level 2
Grand Piano	Grand Piano Classic		Natural Grand Piano	Concert Hall Piano
Piano Octave	Piano Dreams		Bright Grand Piano	Bright Grand Piano 2
Piano + Strings	Piano + Vocals		Soft Grand Piano	Hard Grand Piano
Honkytonk	Harpsichord		Ol' Upright Piano	Harpsichord + Octave
Honky Tonk Piano	Harpsichord Bright		Phaser Piano	CD-Cembalo
E-Piano	**Level 3**		**E-Piano**	**Level 4**
E-Piano 1	E-Piano R1		Gentle Vintage EP	Soft Vintage EP
E-Piano 2	E-Piano R2		Spectral EP	Ultra Hard Vintage EP
E-Piano Bells	E-Piano R3		Vintage Amped EP	Viintage Road+Wurli
Wurli Soft	Vintage E-Piano		Amped Wurli	Synth Wurli
E-Piano Nice Tyne	Clavinet 1		ElectRhodes	Full Wurli
E-Piano	**Level 5**		**Vibraphone**	**Level 6**
Clavinet 1 Stereo	Clavinet 2		Vibraphone 1	Marimba 1
	Stereo Clavinet 2		Warm Vibraphone	Xylophone Wood
	Chorus Clavinet 2		Vibes Tremolo	Xylophone Metal
	Wah Clavinet 2		Rich Stereo Vibes	Octave Xylophone
			Vibraphone 2	Kalimba
Vibes	**Level 7**		**Celesta**	**Level 8**
GG-Marimba	Marimba 2		Celesta	Steel Drums 1
GG-PercEcho	Koto		Bells	Steel Drums 2
Bass Marimba			Tubular Bells	Bright Steeldrums
			Musicbox	Afro-Caribbean
			Tinkle Bell	
Celesta	**Level 9**		**-**	**Level 10**
Tubular Bells	Tubular Bell Hard			
Tubular Bells Chimey	Melody Bells			
Hold Bell Layer	Wheel Adjust Bell			
Tinker Bells	Pretty Bells			
Chime Bells	Soft Chimey Bells			

E-Guitar	Level 1		E-Guitar	Level 2
E-Guitar Stratocaster	Jazz-Guitar		Strat Clean	Strat Chorus
Clean Guitar	Hawaiian-Guitar		Strat Wah	Strat Tremolo
E-Guitar Ricky	Muted Guitar		Strat Harmonics	Strat Muted Velo
Solid Guitar	Clean Guitar		Strat Muted Wah	Strat+Harmonics+Ham-
Strat Hardrock	Distortion Guitar		WahWah Guitar	
E-Guitar	**Level 3**		**Ac-Guitar**	**Level 4**
CD-Jazz Guitar	Comet Guitar		Natural Guitar	Western Guitar
FM Jazz Guitar	Synth Guitar		Nylon Finger Acoustic	Steel Guitar 1
Jazz Git. → Brass			Dulcimer	Banjo
Pedal Steel Guitar			Zither 1	Django Jazz Guitar
Pedal Steel Slide Guitar			Mandolin	Mandolin Orchestra
Ac-Guitar	**Level 5**		**Ac-Guitar**	**Level 6**
Spanish Guitar	Nylon Pick		Nylon1+Harmonic+Ham.	Nylon2+Harmonic+Ham.
Guitar Nylon Slide	Steel Guitar		St.String+Harmonics	Nylon + Steel Hybrid
Nylon Finger Bright	12 String Folk Guitar		SteelString + Atmos Pad	12 String Atmos Pad
Steel String Guitar	12 String Washy		1 Finger Plucker	Shamisen
24 String Guitar	12 String Steel		Sitar	Charang

Brass	Level 1		Brass	Level 2
Brass Section	Big Band Brass 1		Real Brass Section 1	Hybrid Stabs
Ultimate Brass Section	Big Band Brass 2		Real Brass Section 2	Velo Stabs
Brass Shake	Big Band Brass 3		Small Brass Section	Brass Sforzando
Big Band Brass Soft	Trombone Ensemble		Soul Section Loose	Brass Bass
Small Brass	Trumpet Ensemble		Fanfare 1	Fanfare 2
Brass	**Level 3**		**Trumpet**	**Level 4**
Synth Brass 1	Soft Synth Brass 1		Trumpet	Trombone
Snyth Brass 2	Soft Synth Brass 2		Trumpet Mariachi	Trombone Warm
Synth Brass 3	Polysynth		Trumpet Live	Tuba 1
Synth Brass 4	Oberheim		Flugelhorn	Horn Solo
CD-Synthbrass	Matrix		Trumpet Muted1	Horn Section
Trumpet	**Level 5**		**Trumpet**	**Level 6**
Trumpet Bright	Jazz Trumpet		Small Trumpet	Jazz Trombone
Solo Trumpet	Muted Trumpet 2		Duck Trumpet	Trombone 2
Trumpet Echo	Trumpet PingPong		Muted Trp → Brass	Soft Trombone 2
Trumpet Filter	Solo Trumpet 2			Small Trombone
Trumpet Alarm	Soft Solo Trumpet 2			Tuba 2
Trumpet	**Level 7**		**Trumpet**	**Level 8**
Horn Section Swell	French Horn Section			
Horn Section Warm	Hybrid Horn Section			

Woodwind	Level 1		Woodwind	Level 2
Tenor Sax Forte	Soprano Sax 1		Tenor Sax Sweet	Soprano Sax 2
Tenor Sax Warm	Alto Sax F		Rock Sax	Soprano Dream
Sax Tenor Live	Alto Sax Section		Sax Tenor Legato	Tenor Sax 2
Baritone Sax	Sax Section 1		Alto Sax Medium 1	Alto Sax 2
Tenor Sax Bostic	Sax Section 2		Alto Sax Medium 2	Baritone Sax 2
Sax	**Level 3**		**Clarinet**	**Level 4**
Soft SaxSection 1	Brighter Section 1		Clarinet 1	Glenn Miller Sound
Soft SaxSection 2	Brighter Section 2		Clarinet Swing	Sweet Clarinet
Sax → Brass 16			Oboe	Oboe+Bassoon+Strings
Sax → Brass 8			English Horn	Bassoon 1
Sax + Organ			Bagpipes	Bassoon 2
Clarinet	**Level 5**		**Flute**	**Level 6**
Clarinet 2	Clarinet Loose		Jazz Flute 1	PanFlute 1
GG-Schalmei	Thin Clarinet		Jazz Flute 2	PanFlute 2
CD-English Horn			Transverse Flute	Heaven Panflute
CD-Oboe			Piccolo 1	Shakuhachi Solo
			Whistle	CD-Whistle
Flute	**Level 7**		**Flute**	**Level 8**
Flute	Bottle		Shanai	
Flute Tremolo Fade	Calliope			
Flute Tremolo Switch	Ocarina			
Flute Vibrato	Skakuhachi			
Piccolo 2	GG-Panflute			

Accordion	**Level 1**		**Accordion**	**Level 2**
Accordion Mixed 1	Diatonic Accordion 1		Accordion 2x8Ch	Diatonic Mixed
Accordion Mixed 2	Diatonic Accordion 2		Tango Accordion 1	Diatonisch + Bandoneon
Accordion 16’	Diatonic Accordion 3		Tango Accordion 2	Accordion + Trp
Accordion 8’	Diatonic Chorus		CD-Accordion	Accordion + Zither
Accordion 3Ch	Diatonic Echo		CD-Accordion St.	Accordion + Clarinet
Musette	**Level 3**		**Accordion**	**Level 4**
Musette 1	Mouthorgan			
Musette 2	Mouthorgan Blues			
Accordion-Musette 3	Bandoneon 1			
Accordion-Musette 4	Bandoneon 2			
Recorder	Bandoneon 3			

Specials	**Level 1**		**Specials**	**Level 2**
Applause	Vocals Effects		R2D2	Birds
Large Applause	Large Crowd Laugh		SciFi LFO FX	Bird
Small Applause	Small Crowd Laugh		Dentist’s Kick	Gunshot
Seashore	Wind Atmos		Yeah Yeah Frog	Helicopter
Timpani	01 Standard 1 XG		Car	Phone
Specials	**Level 3**		**Specials**	**Level 4**
Chaos	Breath Noise			
Tension	Guitar Fretless			
Cascading	Jazz Split 1			
Glass Menagerie	Jazz Split 2			
CD-Drops	Jazz Split 3			

18.3.3. Sounds (Mapping Lower 1)

Drawbars	**Level 1**		**Drawbars**	**Level 2**
DB Standard	DB Rotor 8’ + 4’			
DB Rotor 8’+4’+2 2/3’	DB Rotor 8’+4’+2’			
DB Rotor 8’				

Church	**Level 1**		**Church**	**Level 2**
Church Tutti 1	Church Mixed 3		Theatre Organ	Theatre Organ + Vocal
Church Tutti 2	Church Mixed 2		Theatre Strings	Theatre Strings Sustain
Church Principal	Church Mixed 1		Theatre Tibia 8	Theatre Kinura
Church Reeds				
Church Tutti + Vocal	Church Mixed + Vocal			Theatre Drums

Piano	**Level 1**		**Piano**	**Level 2**
Grand Piano	Grand Piano Classic		Natural Grand Piano	Concert Hall Grand
Piano Octave	Piano Dreams		Bright Grand Piano 1	Bright Grand Piano 2
Piano + Strings	Piano + Vocals		Soft Grand Piano	Hard Grand Piano
Honky Tonk	Harpsichord		Ol’ Upright Piano	Harpsichord + Octave
Honky Tonk Piano	Harpsichord Bright		Phaser Piano	CD-Cembalo
E-Piano	**Level 3**		**E-Piano**	**Level 4**
E-Piano 1	E-Piano R1		Gentle Vintage EP	Soft Vintage EP
E-Piano 2	E-Piano R2		Spectral EP	Ultra Hard Vintage EP
E-Piano Bells	E-Piano R3		Vintage Amped EP	Vintage Road+Wurli
Wurli Soft	Vintage Electric Piano		Amped Wurli	Synth Wurli
E-Piano Nice Tyne	Clavinet 1		ElectRhodes	Full Wurli
E-Piano	**Level 5**		**Vibraphone**	**Level 6**
Clavinet 1 Stereo	Clavinet 2		Vibraphone 1	Marimba 1
	Stereo Clavinet 2		Warm Vibraphone	Xylophone Wood
	Chorus Clavinet 2		Vibes Tremolo	Xylophone Metal
	Wah Clavinet 2		Rich Stereo Vibes	Octave Xylophone
			Vibraphone 2	Kalimba
Vibes	**Level 7**		**Celesta**	**Level 8**
GG-Marimba	Marimba 2		Celesta	Steel Drums 1
GG-PercEcho	Koto		Bells	Steel Drums 2
Bass Marimba			Tubular Bells	Bright Steeldrums
			Musicbox	Afro-Caribbean
			Tinkle Bell	
Celesta	**Level 9**		**-**	**Level 10**
Tubular Bells	Tubular Bell Hard			
Tubular Bells Chimey	Melody Bells			
Hold Bell Layer	Wheel Adjust Bell			
Tinker Bells	Pretty Bells			
Chime Bells	Soft Chimey Bells			

E-Guitar	**Level 1**		**E-Guitar**	**Level 2**
E-Guitar Stratocaster	Jazz Guitar		Strat Clean	Strat Chorus
Clean Guitar	Hawaiian Guitar		Strat Wah	Strat Tremolo
E-Guitar Ricky	Muted Guitar		Strat Harmonics	Strat Muted Velo
Solid Guitar	Clean Guitar		Strat Muted Wah	Strat+Harmonics+Ham.
Strat Hardrock	Distortion Guitar		WahWah Guitar	
E-Guitar	**Level 3**		**Ac-Guitar**	**Level 4**
CD-Jazz Guitar	Comet Guitar		Natural Guitar	Western Guitar
FM Jazz Guitar	Synth Guitar		Nylon Finger Acoustic	Steel Guitar 1
Jazz Git. → Brass			Dulcimer	Banjo
Pedal Steel Guitar			Zither 1	Django Jazz-Guitar
Pedal Steel Slide Guitar			Mandolin	Mandolin Orchestra
Ac-Guitar	**Level 5**		**Ac-Guitar**	**Level 6**
Spanish Guitar	Nylon Pick		Nylon1+Harmonics+Ham.	Nylon2+Harmonics+Ham.
Guitar Nylon Slide	Steel Guitar		St.String + Harmonics	Nylon + Steel Hybrid
Nylon Finger Bright	12 String Folk Guitar		SteelString + AtmoPad	12 String Atmos Pad
Steel String Guitar	12 String Washy		1 Finger Plucker	Shamisen
24 String Guitar	12 String Steel		Sitar	Charang

Strings	**Level 1**		**Strings**	**Level 2**
Strings	Classical Small Strings		Strings Attack	Attack Strings
Strings Mantovani	Marcato Strings		Strings Sustain	Strings Violins
Strings Tremolo 1	Strings + Pizzicato		Bell Strings	Strings Violins Att
Strings Vocal	Rondo Orchestra		Strings + Harp	Horns + Strings
Full Orchestra	Bright Orchestra		Brass Orchestra 1	Brass Orchestra 2
Strings	**Level 3**		**Strings**	**Level 4**
Soft Legato Strings	Soft Strings VeloAttack			
Bright Legato Strings	Bright Strings VeloAttack			
Soft + Bright Lg. Strings	Tremolo Strings 2			
Legato-Tremolo				
Strings + Horns				

Synth	**Level 1**		**Synth**	**Level 2**
Halo Pad	Brass Pad		Thin Air Pad	Sweeping Pad + Bells
Vangelis Pad	Vocalising Pad		Softly Pad	Saw Pad Sweep
Metal Pad	Swoosh Pad		Soft Super Saw Pad	Worlds Apart Pad
Synth Strings 1	Dirty Sweep Pad		Warm Pad	Milky Way Pad
Synth Strings 2	Star Theme		S+H Worlds Pad	Analogy Pad
Synth	**Level 3**		**Synth**	**Level 4**
Mega Pad	Ghost Wave Pad		Soft Groove Pad	Glassy Pad
Pulsing Wave Pad	Long Sweep Pad		Chase 4 Pad	Sizzle 2 Pad
Swoosh Pad	Retro Pad		Rhythmic Pad	Urban Pad
Bright Sweep Pad	Cermonial Pad		Lost Souls Pad	Worried Dave Pad
Power Swell Pad	Stardust Pad		Ghost Ship Pad	Rising Star Pad
Synth	**Level 5**		**Synth**	**Level 6**
Bright Moving Pad	Slave Camp Pad		Fantasia	Brightness
Goblins	Echo Drops		Crystal	Sawtooth
Soundtrack	Arail		CD-Galaxy	Lead Square
Bowed Glass	Ice Rain		CD-Theatre	GG-Fusion
Sweep Pad	Big Pad		CD-Fairlight	GG Air Mallet
Synth	**Level 7**		**Synth**	**Level 8**
Dark Driver Lead	Electro Perc Lead		Shooting Stars	Bright Buzzer Poly
Bassline Style Lead	Dance Stabs Lead		Gangsta Whine	Dull Square Solo
Rave Synth Lead	Super Synth Lead		Soloing Lead	Super Mini Lead
Digital Theme Park	Band Poly Lead		Alfreds Filter Solo	Theremin
Bigger Than Life	Syncerator		Wannabe TB	808 State Lead
Synth	**Level 9**		**Synth**	**Level 10**
Analogue Heaven	Drums n Bass		Fat Analogue Lead	Poly Slap
5th Pulse Lead	Pulse Lead		Dance Sawteeth	Trancefloor Lead
Dry Fat Pulse Solo	Basic Bend Lead		Analogue Sequence	Modern Lead
Square lead	Screamer Lead 1		Phaser Dance	OscSync Solo
Screamer Lead 2	Pitch EG Lead		Glass Menagerie	Dreamharp

Vocal	**Level 1**		**Vocal**	**Level 2**
Vocal 1	Vocals Aah Woman		Jazz Vocal Dooh	Girl Sustain
Vocals Aah	Vocals Ooh Woman		Jazz Vocal Baah	Synth Voice
Vocals Opera	Vocal Mixed		Jazz Vocal Mixed	Digital Choir
Vocal + Solo	Vocal Mixed + Boys		Jazz Vocal Mixed+Bass	Vocal Bells
Duh Vocal	Vocal Boys		Jazz Vocal Bass	Vocal Girl
Vocal	**Level 3**		**Vocal**	**Level 4**
GG-Synvocal	Spaced Choir			
Dark Vox	Heaven Choir			
Reverse Choir	Art Of Choir			
Attack Choir	Bell Choir			
Soft Sweeper Choir	Space Vocal			

Specials	**Level 1**		**Specials**	**Level 2**
Applause	Vocals Effects		R2D2	Birds
Large Applause	Large Crowd Laugh		SciFi LFO FX	Bird
Small Applause	Small Crowd Laugh		Dentist's Kick	Gunshot
Seashore	Wind Atmos		Yeah Yeah Frog	Helicopter
Timpani	01 Standard 1 XG		Car	Phone
Specials	**Level 3**		**Specials**	**Level 4**
Chaos	Breath Noise		Brass Section	Trumpet
Tension	Guitar Fretless		Big Band Brass 2	Flugelhorn
Cascading			Big Band Brass 3	Trumpet Muted1
Glass Menagerie			Trombone Ensemble	Trombone
CD-Drops			Trumpet Ensemble	Horn Section
Specials	**Level 5**		**Specials**	**Level 6**
Tenor Sax Forte	Clarinet 1		Accordion Mixed 1	Musette 1
Alto Sax Section	Jazz-Flute 2		Accordion Mixed 2	Musette 2
Sax Section 1	Piccolo 1		Diatonic Accordion 1	Accordion-Musette 3
Sax Section 2	PanPipe 1		Diatonic Accordion 3	Mouthorgan
Glenn Miller Sound	Oboe		Bandoneon 1	Mouthorgan Blues
Specials	**Level 7**		**Specials**	**Level 8**
Pedalbass 1	Acoustic Bass 1 P		Pedal Bass + Tuba	Tuba 1
Pedalbass 2	Acoustic Bass 2 P		Pedal Bass + Sinus	Brass Bass
Pickedbass Pedal	Finger Bass Pedal		GM039 Synth Bass 1	Synth Brass 1
Contrabass	Contrabass Ensemble			
Pedalbass + Timpani	Pedal Bass + Strings 1			

18.3.4. Sounds (Mapping Lower 2)

Drawbars	**Level 1**		**Drawbars**	**Level 2**
DB Full1	DB 16 8 4 2 1		Organ Universal	Perc. Organ Universal
DB Full 2	DB 16 1-1/3 1		Rock Organ Universal	
DB Blues 1	DB Blues1 Perc		CD JazzOrgan Stereo	
DB Blues 2	DB Blues2 Perc		CD JazzOrgan	
DB 16 8 4 2				

Church	**Level 1**		**Theatre**	**Level 2**
Church Tutti 1	Church Mixed 3		Theatre Organ	Theatre Organ + Vocal
Church Tutti 2	Church Mixed 2		Theatre Strings	Theatre Strings Sust
Church Principal	Church Mixed 1		Theatre Tibia 8	Theatre Kinura
Church Reeds				
Church Tutti + Vocal	Church Mixed + Vocal			Theatre Drums

Piano	**Level 1**		**Piano**	**Level 2**
Grand Piano	Grand Piano Classic		Natural Grand Piano	Concert Hall Grand
Piano Octave	Piano Dreams		Bright Grand Piano 1	Bright Grand Piano 2
Piano + Strings	Piano + Vocals		Soft Grand Piano	Hard Grand Piano
Honky Tonk	Harpsichord		Ol' Upright Piano	Harpsichord + Octave
Honky Tonk Piano	Harpsichord Bright		Piano Phaser	CD-Cembalo
E-Piano	**Level 3**		**E-Piano**	**Level 4**
E-Piano 1	E-Piano R1		Gentle Vintage EP	Soft Vintage EP
E-Piano 2	E-Piano R2		Spectral EP	Ultra Hard Vintage EP
E-Piano Bells	E-Piano R3		Vintage Amped EP	Vintage Road+Wurli
Wurli Soft	Vintage Electric Piano		Amped Wurli	Synth Wurli
E-Piano Nice Tyne	Clavinet 1		Elect Rhodes	Full Wurli
E-Piano	**Level 5**		**Vibraphone**	**Level 6**
Clavinet 1 Stereo	Clavinet 2		Vibraphone 1	Marimba 1
	Stereo Clavinet 2		Warm Vibraphone	Xylophone Wood
	Chorus Clavinet 2		Vibes Tremolo	Xylophone Metal
	Wah Clavinet 2		Rich Stereo Vibes	Octave Xylophone
			Vibraphone 2	Kalimba
Vibes	**Level 7**		**Celesta**	**Level 8**
GG-Marimba	Marimba 2		Celesta	Steel Drums 1
GG-PercEcho	Koto		Bells	Steel Drums 2
Bass Marimba			Tubular Bells	Bright Steeldrums
			Musicbox	Afro-Caribbean
			Tinkle Bell	
Celesta	**Level 9**		**-**	**Level 10**
Tubular Bells	Tubular Bell Hard			
Tubular Bells Chimey	Melody Bells			
Hold Bell Layer	Wheel Adjust Bell			
Tinker Bells	Pretty Bells			
Chime Bells	Soft Chimey Bells			

E-Guitar	**Level 1**		**E-Guitar**	**Level 2**
E-Guitar Stratocaster	Jazz-Guitar		Strat Clean	Strat Chorus
Clean Guitar	Hawaiian-Guitar		Strat Wah	Strat Tremolo
E-Guitar Ricky	Muted Guitar		Strat Harmonics	Strat Muted Velo
Solid Guitar	Clean Guitar		Strat Muted Wah	Strat+Harmonics+Ham-
Strat Hardrock	Distortion Guitar		WahWah Guitar	
E-Guitar	**Level 3**		**Ac-Guitar**	**Level 4**
CD-Jazz Guitar	Comet Guitar		Natural Guitar	Western Guitar
FM Jazz Guitar	Synth Guitar		Nylon Finger Acoustic	Steel Guitar 1
Jazz Git. → Brass			Dulcimer	Banjo
Pedal Steel Guitar			Zither 1	Django Jazz-Guitar
Pedal Steel Slide Guitar			Mandolin	Mandolin Orchestra
Ac-Guitar	**Level 5**		**Ac-Guitar**	**Level 6**
Spanish Guitar	Nylon Pick		Nylon1+Harmonic+Ham.	Nylon2+Harmonics+Ham.
Guitar Nylon Slide	Steel Guitar		St.String + Harmonics	Nylon + Steel Hybrid
Nylon Finger Bright	12 String Folk Guitar		SteelString + AtmoPad	12 String Atmos Pad
Steel String Guitar	12 String Washy		1 Finger Plucker	Shamisen
24 String Guitar	12 String Steel		Sitar	Charang

Strings	**Level 1**		**Strings**	**Level 2**
Strings	Classical Small Strings		Strings Attack	Attack Strings
Strings Mantovani	Marcato Strings		Strings Sustain	Strings Violins
Strings Tremolo 1	Strings Pizzicato		Bell Strings	Strings Violins Att
Strings Vocal	Rondo Orchestra		Strings + Harp	Horns + Strings
Full Orchestra	Bright Orchestra		Brass Orchestra 1	Brass Orchestra 2
Strings	**Level 3**		**Strings**	**Level 4**
Soft Legato Strings	Soft Strings VeloAttack		Violin 1	Pizzicato 1 Ensemble
Bright Legato Strings	Bright Strings VeloAtt		Gypsy Violin	Violin + Strings
Soft+Bright+Lg. Strings	Tremolo Strings 2		Viola	Classical Small Strings
Legato-Tremolo			Cello	Harp
Strings + Horns			Contrabass	Contrabass Ensemble
Strings	**Level 5**		**Strings**	**Level 6**
Violin 2	Pizzicato 1			
Pizzicato 2	Fiddle			
Violin Solo	Legato-Pizz			
CD-Violin				
2 Violins				

Synth	Level 1		Synth	Level 2
Halo Pad	Brass Pad		Thin Air Pad	Sweeping Pad + Bells
Vangelis Pad	Vocalising Pad		Softly Pad	Saw Pad Sweep
Metal Pad	Swoosh Pad		Soft Super Saw Pad	Worlds Apart Pad
Synth Strings 1	Dirty Sweep Pad		Warm Pad	Milky Way Pad
Synth Strings 2	Star Theme		S+H Worlds Pad	Analogy Pad
Synth	**Level 3**		**Synth**	**Level 4**
Mega Pad	Ghost Wave Pad		Soft Groove Pad	Glassy Pad
Pulsing Wave Pad	Long Sweep Pad		Chase 4 Pad	Sizzle 2 Pad
Swoosh Pad	Retro Pad		Rhythmic Pad	Urban Pad
Bright Sweep Pad	Cermonial Pad		Lost Souls Pad	Worried Dave Pad
Power Swell Pad	Stardust Pad		Ghost Ship Pad	Rising Star Pad
Synth	**Level 5**		**Synth**	**Level 6**
Bright Moving Pad	Slave Camp Pad		Fantasia	Brightness
Goblins	Echo Drops		Crystal	Sawtooth
Soundtrack	Arail		CD-Galaxy	Lead Square
Bowed Glass	Ice Rain		CD-Theatre	GG-Fusion
Sweep Pad	Big Pad		CD-Fairlight	GG Air Mallet
Synth	**Level 7**		**Synth**	**Level 8**
Dark Driver Lead	Electro Perc Lead		Shooting Stars	Bright Buzzer Poly
Bass Line Style Lead	Dance Stabs Lead		Gangsta Whine	Dull Square Solo
Rave Synth Lead	Super Synth Lead		Soloing Lead	Super Mini Lead
Digital Theme Park	Band Poly Lead		Alfreds Filter Solo	Theremin
Bigger Than Life	Syncerator		Wannabe TB	808 State Lead
Synth	**Level 9**		**Synth**	**Level 10**
Analogue Heaven	Drum n Bass		Fat Analogue Lead	Poly Slap
5th Pulse Lead	Pulse Lead		Dance Sawteeth	Trancefloor Lead
Dry Fat Pulse Solo	Basic Bend Lead		Analogue Sequence	Modern Lead
Square lead	Screamer Lead 1		Phaser Dance	OscSync Solo
Screamer Lead 2	Pitch EG Lead		Glass Menagerie	Dreamharp

Vocal	Level 1		Vocal	Level 2
Vocal 1	Vocals Aah Woman		Jazz Vocal Dooh	Girl Sustain
Vocals Aah	Vocals Ooh Woman		Jazz Vocal Baah	Synth Voice
Vocals Opera	Vocal Mixed		Jazz Vocal Mixed	Digital Choir
Vocal + Solo	Vocal Mixed + Boys		Jazz Vocal Mixed+Bass	Vocal Bells
Duh Vocal	Vocal Boys		Vocal Jazz Bass	Vocal Girl
Vocal	**Level 3**		**Vocal**	**Level 4**
GG-Synvocal	Spaced Choir			
Dark Vox	Heaven Choir			
Reverse Choir	Art Of Choir			
Attack Choir	Bell Choir			
Soft Sweeper Choir	Space Vocal			

Brass	**Level 1**		**Brass**	**Level 2**
Brass Section	Big Band Brass 1		Synth Brass 1	Soft Synth Brass 1
Ultimate Brass Section	Big Band Brass 2		Snyth Brass 2	Soft Synth Brass 2
Brass Shake	Big Band Brass 3		Synth Brass 3	Polysynth
Big Band Brass Soft	Trombone Ensemble		Synth Brass 4	Oberheim
Small Brass	Trumpet Ensemble		CD-Synthbrass	Matrix
Brass	**Level 3**		**Trumpet**	**Level 4**
Trumpet	Trombone		Trumpet Bright	Jazz Trumpet
Trumpets Mariachi	Trombone Warm		Solo Trumpet	Muted Trumpet 2
Trumpet Live	Tuba 1		Trumpet Echo	Trumpet PingPong
Flugelhorn	Horn Solo		Trumpet Filter	Solo Trumpet 2
Trumpet Muted 1	Horn Section		Trumpet Alarm	Soft Solo Trumpet 2
Trumpet	**Level 5**		**Woodwind**	**Level 6**
Small Trumpet	Jazz Trombone		Tenor Sax Forte	Soprano Sax 1
Duck Trumpet	Trombone 2		Tenor Sax Warm	Alto Sax F
Muted Trp → Brass	Soft Trombone 2		Sax Tenor Live	Alto Sax Section
	Small Trombone		Baritone Sax	Sax Section 1
	Tuba 2		Tenor Sax Bostic	Sax Section 2
Woodwind	**Level 7**		**Woodwind**	**Level 8**
Tenor Sax Sweet	Soprano Sax 2		Clarinet 1	Glenn Miller Sound
Rock Sax	Soprano Dream		Clarinet Swing	Sweet Clarinet
Sax Tenor Legato	Tenor Sax 2		Oboe	Oboe+Bassoon+Strings
Alto Sax Medium 1	Alto Sax 2		English Horn	Bassoon 1
Alto Sax Medium 2	Baritone Sax 2		Bagpipes	Bassoon 2
Woodwind	**Level 9**		**Woodwind**	**Level 10**
Jazz Flute 1	PanFlute 1		Flute	Bottle
Jazz Flute 2	PanFlute 2		Flute Tremolo Fade	Calliope
Transverse Flute	Heaven Panflute			Ocarina
Piccolo1	Shakuhachi Solo		Flute Vibrato	Skakuhachi
Whistle	CD-Whistle		Piccolo 2	GG-Panflute

Accordion	**Level 1**		**Accordion**	**Level 2**
Accordion Mixed 1	Diatonic Accordion 1		Accordion 2x8Ch	Diatonic Mixed
Accordion Mixed 2	Diatonic Accordion 2		Tango Accordion 1	Diatonic + Bandoneon
Accordion 16’	Diatonic Accordion 3		Tango Accordion 2	Accordion + Trumpet
Accordion 8’	Diatonic Chorus		CD Accordion	Accordion + Zither
Accordion 3Ch	Diatonic Echo		CD Accordion St.	Accordion + Clarinet
Musette	**Level 3**		**Accordion**	**Level 4**
Musette 1	Mouthorgan			
Musette 2	Mouthorgan Blues			
Accordion-Musette 3	Bandoneon 1			
Accordion-Musette 4	Bandoneon 2			
Recorder	Bandoneon 3			

Specials	Level 1		Specials	Level 2
Applause	Vocals Effects		R2D2	Birds
Large Applause	Large Crowd Laugh		SciFi LFO FX	Bird
Small Applause	Small Crowd Laugh		Dentist's Kick	Gunshot
Seashore	Wind Atmos		Yeah Yeah Frog	Helicopter
Timpani	01 Standard 1 XG		Car	Phone
Specials	**Level 3**		**Specials**	**Level 4**
Chaos	Breath Noise			
Tension	Guitar Fretless			
Cascading				
Glass Menagerie				
CD-Drops				

18.3.5. Sounds for Bass Pedals

Sounds for the optional bass pedals are selected on screen by tapping Pedal.

Pedal	Level 1		Specials	Level 2
Pedal Bass 1	Acoustic Bass 1 P		Pedal Bass + Tuba	Tuba 1
Pedal Bass 2	Acoustic Bass 2 P		Pedal Bass + Sinus	BrassBass
Picked Bass Ped	Finger Bass Pedal		GM039 Synth Bass 1	Synth Brass 1
Contrabass	Contrabass Ensemble			
Pedal Bass + Timpani	Pedal Bass + Strings 2		Church Tutti 1	Church Principal

18.4. List of Factory Accompaniments

18.4.1. Styles/Accompaniments (Mapping)

8 Beat	**Level 1**		**8 Beat**	**Level 2**
8 Beat 1	8 Beat 2			
8 Beat 3	8 Beat Latin			
Beat Easy	Schlager Beat			
16 Beat 1	16 Beat 2			
Beat Oldie	Beat Alps			

Pop/Rock	**Level 1**		**Pop/Rock**	**Level 2**
Disco 1	Disco 2		Organ Euro Pop	
Disco 70s +	Disco Philly			
Rock 1	Rock 2			
Dance	Trance Dance			
Techno				

Ballad	**Level 1**		**Ballad**	**Level 2**
Ballad 1	Ballad 2		Organ Ballad	
Beat Ballad 1	Beat Ballad 2			
Sweet Beat	Piano Ballad			
6-8 Blues	US-Ballad			
6-8 Blues Ballad	Vocal Ballad +			

Slow Rock	**Level 1**		**Slow Rock**	**Level 2**
Slow Rock 1 +	Slow Rock 2 +		Organ Gospel	
Slow Rock 3	Beat Ballad Slow			
6-8 Ballad 1	6-8 Ballad 2			
6-8 Ballad Pop +	12-8 Ballad			
6-8 Traditional				

Country	**Level 1**		**Country**	**Level 2**
Country Hits	Country Pop			
Country Walz	Country Fox			
Bluegrass	Hoedown			
Country Fiddle	Country Shuffle			

Showtime	**Level 1**		**Showtime**	**Level 2**
Showtime	Hollywood		Organ Showtime	
Broadway	Parade			
Foxtrott Sleigh Ride				
US-Praise	US-Harlem			
US-Hip				

World	Level 1		World	Level 2
Hawaiian	Tropical			
Sirtaki	Sun Island			
Espania	Flamenco			
Pasodoble				

Party	Level 1		Party	Level 2
Party Time +	Party Schlager Beat		Organ Party Pop	
Party Saragossa +	Party Polka			
Party Pop	Party Happy Polka			
Party Modern Mix	Petry Party			
Polonaise				

Foxtrott	Level 1		Foxtrott	Level 2
Foxtrott 1	Foxtrott 2 +		Organ Foxtrott	
Foxtrott 3 +	Foxtrott 4 +			
Foxtrott Brush +	Foxtrott Accordion			
Quickstep 1	Quickstep 2 +		Organ Quickstep 1	Organ Quickstep 2

Slow Fox	Level 1		Slow Fox	Level 2
Slow Fox 1	Slow Fox 2			
Slow Fox 3 +				
Slow Fox Brush +	Slow Fox Big Band +			

Swing	Level 1		Swing	Level 2
Swing Easy	Swing Foxtrott		Organ Swing	Organ Combo
Swing Combo	Swing Sinatra		Organ Jazz	
Swing Brush Fast +				
US-Cookin Jazz	Swinging Accordion			
Dixieland 1	Dixieland 2			

Slow Swing	Level 1		Slow Swing	Level 2
Slow Swing	Slow Swing Count Basie		Organ Blues	
Slow Swing Kaempfert				
Blues Shuffle	Blues Slow			
Blues Swing				

Big Band	Level 1		Big Band	Level 2
Big Band Fast	Big Band 1 +			
Big Band Curt P.	Big Band 2			
Big Band Let's Swing	Big Band 3			
Big Band Boogie	Big Band Swing Miller			
Big Band Moonlight				

Jive	Level 1		Jive	Level 2
Jive 1 +	Jive 2			
Jive 3	Jive Conny			

Rock'n Roll	Level 1		Rock'n Roll	Level 2
Rock'n Roll 1	Rock'n Roll 2			
Rock'n Roll 3	Rock'n Roll 4			
US-RockRoll	Blue Metal			
Boogie 1	Boogie 2			
Boogie Big Band 1	Boogie Big Band 2			

Shuffle	Level 1		Shuffle	Level 2
Shuffle 1	Shuffle 2			
Shuffle Rock'n Roll +	Shuffle Slow			
Twist 1 +	Twist 2			

March	Level 1		March	Level 2
March 1 +	March 2		Organ March	
March Beat 1	March Beat 2			
6-8 March +				
Polka Oberkrainer 1 +	Poka Oberkrainer 2			
Polka Dance	Narhalla March			

Waltz	Level 1		Waltz	Level 2
Vienese Walz 1 +	Vienese Walz 2		Organ Walz	
Slow Walz 1	Slow Walz 2			
Jazz Walz	Swing Walz			
Walz Traditional 1	Walz Traditional 2			
Pop Walz	Musette Walz			

Samba	Level 1		Samba	Level 2
Samba 1 +	Samba 2		Organ Samba 1	Organ Samba 2
Samba 3 +	Samba 4		Organ Samba 3	
Disco Samba 1	Disco Samba 2			
Mambo +	Salsa			

Rumba	Level 1		Rumba	Level 2
Rumba 1	Rumba 2 +		Organ Rumba	
Rumba Pop				

Cha Cha	Level 1		Cha Cha	Level 2
Cha Cha 1 +	Cha Cha 2		Organ Cha Cha	
Cha Cha 3 +	Cha Cha 4			

Beguine	Level 1		Beguine	Level 2
Beguine 1	Beguine 2		Organ Beguine	
Beguine Stupid				

Latin	Level 1		Latin	Level 2
Bossa Nova 1 +	Bossa Nova 2 +		Organ Bossa 1	Organ Bossa 2
Tango 1 +	Tango 2		Organ Bossa 3	
US-Tango	US-Latin		Organ Tico Tico FL	
Reggae 1	Reggae 2			

Specials	Level 1		Specials	Level 2
Bolero Conquest	Please Release		Metronome 4/4	Metronome 3/4
O Sole Mio	Samba Amor			
March River Kwai	Latin Ipanema			
Hands to Heaven				
				--- No accompaniment ---

18.4.2. MIDI Sequences

MIDI	Level 1		MIDI	Level 2
Amazing Grace	Biscaya		Acky Breaky Heart	Samba Ole
Tico Tico	Anglo Polka		Time Is Tight	Raspberry Ice Cream for Breakfast
Wonderful World	Mooskirchner Polka		Java	Vorbei
Chattanooga Choo Choo	Time To Say Goodbye		Happy Music	Crazy Mozart
Air	Amorada		Axel F.	Amboss Polka

18.4.3. Audio-MP3-Files

AUDIO	Level 1		AUDIO	Level 2
Bells and Choir	Big Band		Trio	Traditional
Church	Classic Piano		Hey Hey Wickie	Greek Nights
Classic	Latin		Dizzy	Big Band
Modern	Organ Solo		Swing Cafe	Take Five
Organ with Drums	Techno			

18.5. List of WersiChord Types

The following WersiChord types are available:

Name:	Polyphony	Description
Normal		The added harmonies are derived from the accompaniment chord recognition system and played by the sound registered on Upper Manual 2
Big Band		Added harmonies – very jazzy with lots of 6th chords
Duet 1		2 voices with underlying 3rds and 6ths
Duet 2		2 voices with underlying 6ths and 5ths
Country		2 voices with underlying 3rds, 4ths and 5ths
Block		Up to 4 part harmony. The lowest voice is always one octave below the melody note
4-Way Close 1		Similar to BLOCK, but 4 voices in close harmony
4-Way Close 2		Also 4 voices in close harmony but jazzy 6ths are also added here
Hymns		
Theatre		
Fanfare		
BB-Reeds		
BB-Brass		
Fingered		The notes/chords played on the lower manual (1) are also played by the sound registed for upper manual 2
Solo Voice		Only the highest note of the chord played on the upper manual is played by the sound registered as solo voice for upper manual 2

18.6. Auto-Accompaniment Harmony Styles

Currently, the following harmony styles are available for playing with auto-accompaniment:

--- (Maj)	**major triad**
6	added 6th
Maj7	major 7th
Maj7#11	major 7th + raised 11
add9	added 9th
Maj9	major 7th + 9th
6/9	added 6th + 9th
aug	augmented (augmented triad)
m	**minor triad**
m6	minor + 6th
m7	minor + minor 7th
m7b5	minor 7th + flattened 5th
madd9	minor + 9th
m9	minor + minor 7th + 9th
m11	minor + minor 7th + 11th
mMaj7	minor + major 7th
mMaj9	minor + major 7th + 9th
mMaj7b5	minor with major 7th + flattened 5th
dim	diminished (diminished triad)
dim7	diminished 7th
7	7th chord
7sus4	7th chord with suspended 4th
7b5	7th chord with flattened 5th
9	7th chord + 9th
7(#11)	7th chord + raised 11th
7(13)	7th chord + 13th
7(b9)	7th chord + flattened 9th
7(b13)	7th chord + flattened 13th
7(#9)	7th chord + raised 9th
Maj7aug	augmented triad + major 7th
7aug	augmented triad + minor 7th
1+8	root + octave
1+5	root + 5th
sus4	root triad + suspended 4th + 5th
sus2	root triad + suspended 2nd + 5th
b5	major triad with flattened 5th
Maj7b5	major with major 7th + flattened 5th
1	root (**Interval Mode**)
1+b2	root + minor 2nd (Interval Mode)
1+2	root + 2nd (Interval Mode)
1+b3	root + minor 3rd (Interval Mode)
1+3	root + major 3rd (Interval Mode)
1+4	root + 4th (Interval Mode)
1+b5	root + flattened 5th (Interval Mode)
1+#5	root + raised 5th (Interval Mode)
1+6	root + 6th (Interval Mode)
1+b7	root + minor 7th (Interval Mode)
1+7	root + major 7th (Interval Mode)
Cancel1	Special Function 1 (YAMAHA)
Cancel2	Special Function 2 (YAMAHA)

18.7. Chord Accompaniment Modes

The following 9 harmony recognition modes are available:

Single Finger Mode	Multi Finger Mode	Special Mode
Easy Chord 1	Advanced Chords	Organist Mode
Easy Chord 2	Bass To Lowest	Piano Mode
Single Finger WERSI	Interval Mode	Pedal Harmony

Next time you save a total preset the harmony recognition mode you have set will be saved with it.

18.7.1. Advanced Chords

This is a very comprehensive mode, in which a large number of chords played in the accompaniment area of the keyboard (lower manual on an organ or left of the split point on a keyboard) can be used in the harmony recognition of your auto-accompaniment.

In this mode you need to play at least 3 notes in the chord, but some chord inversions are recognised, so it is not always necessary to completely change what you are playing.

18.7.2. Interval Mode

This mode is fundamentally the same as the Advanced Chord Mode.

But if you play less than 3 notes in the accompaniment area, only these notes will be used in the auto-accompaniment.
The Interval Mode is therefore particularly well suited to auto-accompaniment playing when you use lots of complicated changes and variations.

Fingering	Harmony		Description
C – G	C1+5	C in root	C (neither minor nor major as no 3rd)
C	C1	----	The accompaniment plays only the note C
C – c	C1+8	----	The accompaniment plays only the notes C+c
C – Eb	C1+b3	c minor	c minor without the 5th (5 = G)
G – C	G1+4	Gsus4	Gsus4 without the 5th (5 = D)

There are many variations available to you in this mode. The notes you play are displayed and used accordingly in the accompaniment pattern.

18.7.3. Easy Chord 1

This is a very simply (though limited) use of the auto-accompaniment, but which, despite its simplicity, sticks to the rules of music, and only uses notes from the chord (like the WERSI Single Finger Mode – but with fewer possibilities/variations).

You need to restrike the keys for every change in harmony!

Only the following harmonies are recognised when you play between 1 and 3 keys:

Major chord = root
e.g.: C = **C** (= major); A= **A major**

Major 7th chord = root
+ 1 whole tone (= 2 semitones) below
e.g.: C2 + Bb1 = **C7** or: A1 + G1 = **A7**

Minor chord = root + a minor 3rd (= 3 semitones) below
e.g.: C2 + Eb2 = **cm** or A1 + C2 = **am**

Minor 7th chord = root + a minor 3rd (= 3 semitones) above
+ 1 whole tone (= 2 semitones) below
e.g.: C2 + Eb2 + Bb1 = **cm7**

Major Maj7 chord = root
+ one semitone below
e.g.: C2 + B1 = **Cmaj7** or: A1 + G#1 = **Amaj7**

18.7.4. Easy Chord 2

(YAMAHA®-Style-Mode)

This is another very simply (though limited) use of the auto-accompaniment, but one which, because of the inclusion of dissonances (notes alien to the chord), makes it necessary to switch off at least the sounds on Lower 1.

You need to restrike the keys for every change in harmony!

Major chord = root
e.g.: C = **C** (= major); A= **A major**

7th chord = root + a white key to the left
e.g.: C2 + H1 or C2 + A1 = **C7**

Minor chord = root + a black key to the left
e.g.: C2 + Bb1 or C2 + Ab1 = **cm**

Minor 7th chord = root + a white key and a black key to the left
e.g.: C2 + B1 + Bb1 or C2 + Ab1+ G1 = **cm7**

18.7.5. Single Finger WERSI

This is a simple (though musically sensible) use of the auto-accompaniment. You do not need to switch off sounds on the lower when you play 1-3 appropriate chord notes.

You need to restrike the keys for every change in harmony!

Major chord = Root
e.g.: C = **C** (= Dur); A= **A-Dur**

Major 7th Chord = Root
+ a whole tone (= 2 semitones) below
e.g.: C2 + Bb1 = **C7** or: A1 + G1 = **A7**

Minor chord = Root + a minor 3rd (= 3 semitones) above
e.g.: C2 + Eb2 = **cm** or A1 + C2 = **am**

Minor 7th Chord = Root + a minor 3rd (= 3 semitones) above
+ a whole tone (= 2 semitones) below
e.g.: C2 + Eb2 + Bb1 = **cm7**

Major Maj7 Chord = Root
+ a semitone below
e.g.: C2 + B1 = **Cmaj7** or: A1 + G#1 = **Amaj7**

Minor Maj7 Chord = Root + a minor 3rd (= 3 semitones) above
+ a semitone below
e.g.: C2 + Eb2 + B1 = **cmMaj7**
or: A1 + C2 +A b1 = **amMaj7**

Major 9th Chord = Root + whole tone above + major 3rd above
+ whole tone below
e.g.: C2 + D2 + E2 + Bb1 = **C9**

Minor 9th Chord = Root + whole tone above + minor 3rd above
+ whole tone below
e.g.: C2 + D2 + Eb2 + Bb1 = **cm9**

Other similarly constructed chord variations: **CMaj9**
cmMaj9

Muting all Acc tracks except drums:
Press 3 consecutive keys - e.g.: A+Bb+B → **ACancel1**

This function is a particulary useful way while playing a piece to switch off all the accompaniment tracks (except drums) with keys on the manual and then to start them again immediately afterwards by playing a normal chord.

Muting in this way is not possible with Easy Chord 1+2 or with Pedal Harmony.

18.7.6. Bass To Lowest

[*Bass To Lowest* = Bass to the lowest position]
The same fingering applies as with Advanced Chord Mode, though in this mode the lowest note of the chord is taken as the bass note. This enables you to put intended bass runs into your accompaniment through your choice of chord inversions.

Building Chord Inversions:

- Play the lowest note of the chord one octave (8 notes) higher
- Repeat this procedure until the chord position is in a sensible part of the keyboard, usually F – f#; f# is usually the split point between the melody and accompaniment sections of a keyboard with a split point.
- □□□□□□□□□□□□□□□by moving the hand □□□□□□□□□ highest note is likewise played one octave lower.

Example:	Inversions Up	Inversions Down
C major – root position	= C - E - G	C - E - G
C major – 1st inversion	= E - G - C	G - C - E
C major – 2nd inversion	= G - C - E	E - G - C

Music Tip:
To ensure that your music is easy to control, it is recommended that you choose a suitable Style, which for the most part plays the same bass, rather than a bass with a changing pattern.

Example:
The fist two bars of "A Whiter Shade of Pale" (Procul Harem):

Bar	Chord Position		Harmony Display
Bar 1 – beat 1:	C - E – G	(C (maj) + pedal note C)	C
Bar 1 – beat 3:	B - C - E – G	(C7 + pedal note B)	Cmaj7/B
Bar 2 – beat 1:	A – C – E	(Am + pedal note A)	Am
Bar 2 – beat 3:	G - A – C – E	(Am7 + pedal note G)	Am7/G

N.B. The chord indicated in the display shows for example: C/G = C major chord on a G bass (C on G).

18.7.7. Organist Mode

- In this mode, the bass track (AccBass) is removed from the accompaniment. **This means that you play the bass notes yourself on the bass pedals.**
- The remaining accompaniment tracks (Acc1 – Acc5) are played in part in the octave position and chord inversion you play.
- You hear therefore exactly what you play in the accompaniment section. The harmony indication in the display ("On Bass") is just for general information.
- The accompaniment tracks (Acc1 – Acc5) only play for as long as a chord is played **and held** in the accompaniment section.

ⓘ Drums 1 & 2 still continue to play.

18.7.8. Piano Mode

This mode is particularly intended for piano-style playing with both hands covering the full length of the keyboard and is based largely on the ***Interval Mode***.

Tip:

- Piano mode is only for playing without a keyboard split
- Chord recognition requires at least 3 keys to be played
- The chords can be played with either left or right hand
- The lowest note is always interpreted as the bass note (as with ***Bass to Lowest***)

In this mode, all notes and chords played across the entire keyboard are recognised and used by the accompaniment harmony recognition system, although intelligent programming ensures that 1 – 2 voice melody runs either in the solo or bass playing areas are not used by the harmony recognition system.

The basic logic of harmony recognition in this mode can be illustrated as follows:

- A chord played with 3 or more notes always has precedence
- Notes played in the right hand (melody notes) higher than an augmented 11th in the scale (#11 = augmented 11th) are not used in the harmony recognition
- 1 + 5 chords (open 5th) are made possible by doubling the root
  e.g. C + g + c ➔ C1 + 5
- Plus many other variations

18.7.9. Pedal Harmony

This is a very simple use of the automatic accompaniment via a bass pedal board (optional), but one that allows for only 3 harmony variations.

This mode requires only the root played on the pedal board and the use of one of the two foot switches on the swell (volume) pedal.

Major chord = root in pedal
e.g.: C = **C** (maj)

7th chord = root in pedal + **left foot switch**
e.g. G + left foot switch = **G7**

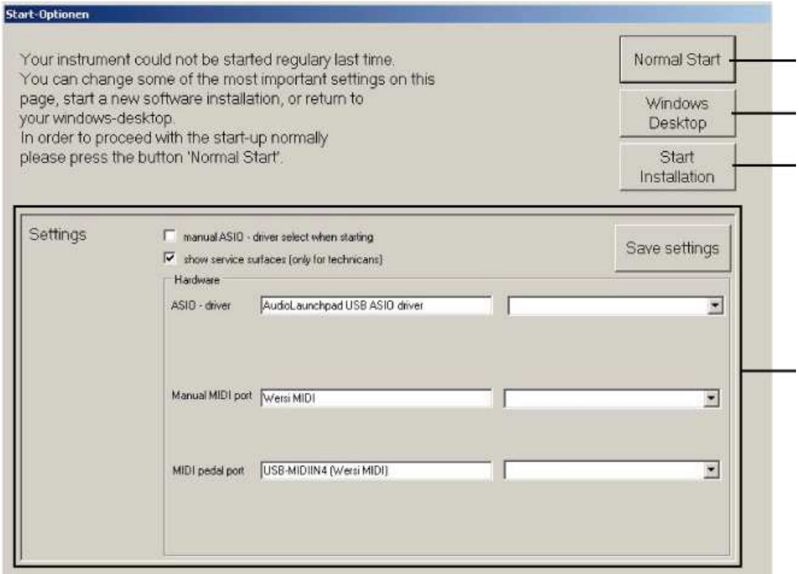
Minor chord = root in pedal + **right foot switch**
e.g. F + right foot switch = **Fm**

ⓘ **Tip:**
You do **not** need to go into Settings to reset the assignments to the **LEFT** and **RIGHT** footswitches. The footswitch settings will still be displayed, but will remain deactivated until the *Pedal Harmony* accompaniment mode setting is changed.

19. Error Messages

19.1. Failure in the Start-up Procedure

The following window appears if an error occurs in the instrument’s start-up procedure:



Start-Optionen

Your instrument could not be started regulary last time.
You can change some of the most important settings on this page, start a new software installation, or return to your windows-desktop.
In order to proceed with the start-up normally please press the button 'Normal Start'.

☐ manual ASIO - driver select when starting
☑ show service surfaces (only for technicans)

ASIO - driver: AudioLaunchpad USB ASIO driver
Manual MIDI port: Wersi MIDI
MIDI pedal port: USB-MIDIIN4 (Wersi MIDI)

Attempts to restart the software

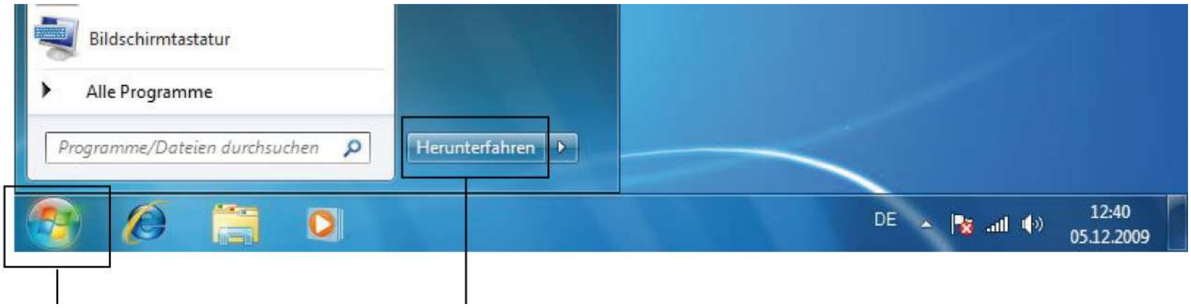
Closes all WERSI programmes and switches to Windows

Begins a new installation of the WERSI software

Normal Start:	If this display appears after you switch on, always make a further attempt to start the WERSI Software in the normal way.
Windows Desktop:	After consulting a WERSI engineer, you can completely shut down the WERSI software with this display and switch to Windows.
Start Installation:	If the software refuses to load, you will have to re-install the WERSI software. Push the current WERSI installations DVD into the drive and press the “Start Installation” button. Follow the instructions on the screen. Your own data will remain intact.
Settings:	**Please do not make any changes in ‘Settings’, until you have spoken to a WERSI engineer.**

19.2. Shutting Down with Windows

Once you are in WINDOWS and the WERSI software is closed, you can switch the instrument off in Windows. Press the Windows logo in the bottom left corner of the screen and then on “Shut Down”.


Bildschirmtastatur
Alle Programme
Programme/Dateien durchsuchen
Herunterfahren
DE
12:40
05.12.2009

1. Windows logo

2. Shut Down

20. Performance Features – Technical Data

Sound source:	Live Sound Sampling
Keyboard:	1 x 76 Keys (E0-G6)
Touch sensitiviy	Upper manual
Screen	10'' TFT Colour display with Easy-Touch-Function
Sounds/Styles/MIDI/Audio	As described in data banks
Drawbars	• 9 footages for upper manual: 16' – 5 1/3' - 8' – 4' – 2 2/3' – 2' - 1 1/3' – 1 3/5' – 1' • 7 footages for lower manual: 8' – 4' – 2 2/3' – 2' - 1 1/3' – 1 3/5' – 1' • All drawbars freely adjustable and changes made whilst playing immediately audible
Drawbar Settings	4 Types / Rotor Simulation / Scanner Vibrato / Percussion 2nd and 3rd / Key Click
Playing Areas	• upper manual: 2 layers • lower manual: 2 layers, splits into 2 playing areas • Pedal: 1 layer • All manual playing areas on or off as required
Drum sets	20 Live Drumsets in GM/XG configuration, drum sounds in stereo
One Touch Play	4 Sound Presets per Style
Polyphony (max.)	max. 1024
AOC (WersiChord)	15 Styles
Controls	Dynamic/Octave Position/Reverb/Chorus/ Echo/Panorama/ Detune
Effects	8 Effects: Reverb OFF/ Normal/Long/Short/Mellow/Bright/Church1/Church2
Equalizer (Total sound) Master EQ	5 Effects: Normal / Bright 1 / Bright 2 / Dark 1 / Dark 2
Disc Player	Playback of normal AUDIO CDs
Audio Recorder	Recording in MP3 Format
Computer	• WINDOWS® 7 • Processor: high performance Dual-Core Prozessor • Hard drive: SSD min. 32 Gigabytes • RAM: 2 GB RAM • DVD/CD Rewriter (Burner) combo drive
Connections	• Graphic card (for screen) • Network and all PC connections for mouse, keyboard, printer and others • 4 x USB TO DEVICE connections at the back • 1 x MIDI IN / THROU / OUT (at the back) • AUDIO OUT Stereo left + Stereo right (at the back) • 2 x USB TO DEVICE connections (at the front) • 1 headphones (at the front)
Languages	German/English
Wattage	130 W approx. (Standby: 36 W approx.)
Measurements	Width: 122 cm / Depth: 22 cm / Height: 14,5 cm incl. Rubber bumpers
Weight	18 kg approx.

For Your Own Notes

List of Manual Versions/Updates

Date:	Software Version:	Edition:	New Pages:	Comments
1. März 2011	V1.1 R01	1st Edition	All pages new	1st delivery

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